Roland® BOSS®

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2007 Vol.1

V-Synth XT

VariPhrase · COSM · V-LINK · Elastic Audio Synthesis

- *The V-Synth's powerful variable-oscillator synthesis in rack/tabletop module*
- *New patches by world-class artists, and Sound Shaper function for fast navigation through extensive editing parameters*
- *Rhythm Sets for unique rhythmic manipulation*
- *Multi-Step Modulator for incredible sound-design possibilities*
- *Extended analog-modeled waveform set, including SuperSaw, Polyphonic Feedback Oscillator, and X-mod (Cross Modulation) Oscillator*
- *USB streaming-audio, MIDI, and file transfer for one-cable computer connectivity*
- *VC-1 D-50 card and VC-2 Vocal Designer card pre-installed; V-Card® applications can be launched without rebooting*
- *Color touch-screen and eight universal edit knobs for fast, friendly operation*
- *Front-panel combo XLR/phono input for external audio processing*

USB

Specifications

● **Sound Generator Configuration** Oscillator (envelope x 4 + LFO x 1) x 2, Modulator x 1, COSM (envelope x 2 + LFO x 1) x 2, TVA (envelope x 1 + LFO x 1) x 1 ● **Methods by Which Oscillators Produce Sound** PCM / VariPhrase (Preset waveforms + Sampling waveforms), Analog Modeling (14 waves: SAW, SQUARE, TRIANGLE, SINE, RAMP, JUNO, HQ-SAW, HQ-SQUARE, NOISE, LA-SAW, LA-SQUARE, SUPER-SAW, FEEDBACK-OSC, X-MOD-OSC), External Input ● **Modulator** 4 types (RING, FM, ENV-RING, OSC-SYNC) ● **COSM** 16 types (OD/DS, W-SHAPE, AMP, SPEAKER, RESONATOR, SBF1, SBF2, COMB, DUAL, TVF, DYN-TVF, COMP, LIMITER, F-SHIFT, LO-FI, TB-FILTER) ● **Zones (Splits)** 16 ● **Parts** 16 (normally), 12 (when using a rhythm kit) ● **Max. Polyphony** 24 voices (Varies depending on the load placed on the sound generator.) ● **Internal Memory** Project: 1, Patches: 512, Waves: 999, Wave memory (RAM): 50MB (When the unit ships from the factory, 32MB of this is taken up by the preset waves.) ● **External Storage Device** PC CARD slot (Microdrive, SmartMedia or CompactFlash can be used with PC card adapter.) ● **Effects** MFX (Multi-effects): 41 sets, Chorus: 8 sets, Reverb: 10 sets ● **System EQ** 4 bands ● **Internal V-Card applications** VC-1: D-50 for V-Synth/VariOS, VC-2: Vocal Designer **Switchable from the standard system while the power remains on.* ● **Sampling Frequency** Internal: 44.1kHz, Digital Audio IN/OUT: 96, 48, 44.1kHz ● **Signal Processing** Internal Processing: <Sound generating section> 32-bits (floating point), <Effects section> 24-bits (fixed point), DA Conversion: 24-bits, AD Conversion: 24-bits ● **Nominal Output Level** MAIN OUT: +4dBu, DIRECT OUT: +4dBu ● **Nominal Input Level** Input (Rear Panel): -10/-20dBu, Mic (Front Panel, XLR type): 50 to -10dBu, Mic (Front Panel, 1/4" TRS phone type): -36 to +4dBu ● **Arpeggiator** Patterns: User programmable (support use of control change messages), Motifs: 8 types, Tempo: 20 to 250 BPM ● **Multi Step Modulator** Tracks: 4, Steps: 16, Tempo: 20 to 250 BPM ● **Display** Graphic 320 x 240 dot backlit color LCD with touchscreen ● **Controllers** Assignable MIDI Control Knobs (E1 to E8) ● **Connectors** Headphones Jack, Main Output Jacks (L/MONO, R) (1/4" TRS phone type), Direct Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO, R) (1/4" phone type), Mic Jack (1/4" phone type / XLR type, Hi-Z, phantom power), MIDI Connectors (IN, OUT, THRU), USB Connector (supports USB MIDI, file transfer, and USB Audio), Digital Audio Interface (24-bit, IEC60958) (COAXIAL (IN, OUT), OPTICAL (IN, OUT)), AC Inlet ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 16W ● **Dimensions** <When placed on top of a table> 482 (W) x 179 (D) x 165 (H) mm (19" x 7-1/16" x 6-1/2") <When mounted in a rack> 482 (W) x 172 (D) x 177 (H) mm (19" x 6-13/16" x 7") **EIA-4U size: A vacant rack space immediately above is required in order to utilize the V-Synth XT's rotation feature.* ● **Weight** 4.4 kg (9 lbs. 12 oz.) ● **Accessories** V-Synth XT Owner's Manual, VC-1 Owner's Manual, VC-2 Owner's Manual, Sound List, CD-ROM (USB Driver, Librarian), PC Card Protector, Power Cord, Rotation Lock Hardware ** 0 dBu = 0.775 Vrms*

Fantom X8/X7/X6
Audio Track Expansion

COSM · V-LINK · Editor Software Included

■ **Fantom-X8**

■ **Fantom-X7**

■ **Fantom-X6**

- *Flagship 128-voice sampling production workstations available in three keyboard types – Fantom-X8 (88 keys Progressive Hammer-Action), Fantom-X7 (76 keys), Fantom-X6 (61 keys)*
- *Intuitive sequencer consisting of 16 MIDI tracks and 8 stereo audio tracks*
- *Multisample editing for elaborate sample-based patch creation*
- *Skip Back Sampling – continuous sampling for instantly retrieving a sound or phrase and turning it into a sample*
- *3 MFX processors, plus dedicated reverb, chorus, and a mastering processor*
- *USB (MIDI and file transfer) and digital audio input/output (coaxial) interface onboard*
- *Color LCD (graphic 320 x 240 dots backlit)*
- *Thanks to its V-LINK connection, the Fantom-X can be used to conveniently control devices such as EDIROL's motion dive. tokyo performance package.*

GENERAL midi2 · 4 SRX · USB

Specifications

● **Keyboard** [X8] 88 keys (Progressive Hammer Action Mechanism and channel aftertouch) [X7] 76 keys (with velocity and channel aftertouch) [X6] 61 keys (with velocity and channel aftertouch) **[Sound Generator Section]** ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts (MIDI) + 8 parts (Audio Track) ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Waveforms** 1,480 ● **Preset Memory** Patches: 1,152 + 256 (GM2), Rhythm Sets: 40 + 9 (GM2), Performances: 64 ● **User Memory** Patches: 256, Sample Patches: 2,000, Rhythm Sets: 32, Performances: 64 ● **Card Memory (PC card)** Patches: 256, Sample Patches: 7,000, Rhythm Sets: 32, Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types, Chorus: 3 types, Reverb: 5 types, Input Effects: 6 types, Mastering Effects: 3-band Compressor **[Sampling Section]** ● **Data Format** 16-bit linear (File Type: .WAV/AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** Standard: 32MB (mono: 360 sec. approx., stereo: 180 sec. approx.), Maximum (expanded with DIMM): 544MB (mono: 108 min. approx., stereo: 54 min. approx.) ● **Number of Samples** User memory: 2,000 (maximum total approximately 32MB), Card memory: 7,000 (PC card) **[Sequencer Section]** ● **Tracks** Phrase tracks (16 MIDI channels per track): 16, Pattern track (16 MIDI channels per track): 1, Audio track: 8, Tempo track: 1, Beat track: 1 ***The Pattern Track can hold up to 100 patterns. ● **Resolution** 480 TPQN ● **Tempo** 5 to 300 ● **Note Capacity** approx. 400,000 notes ● **Song Length** 9,998 measures ● **Recording Method** Realtime recording, Step recording **[Others]** ● **Arpeggiator** Preset: 128, User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ● **Chord Memory** Preset: 64, User: 64 ● **Display** Graphic 320 x 240 dots backlit LCD (Color) ● **Pads** 16 pads, Velocity and Aftertouch sensitive ● **Controllers** Pitch Bend/Modulation Lever, Control Knob x 4, Assignable Switch x 2, D Beam Controller ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), Hold Pedal Jack (Half Pedal recognition), Control Pedal Jack (assignable), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer (mass storage class) and MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet ● **Expansion Slots** [Expansion of waveforms and patchs for the internal sound generator] SRX expansion boards: 4 slots, [Expansion of sampling memory] DIMM: 1 slot (supports 128/256/512MB (3.3 V)) ● **External Storage Device** PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 17W ● **Dimensions** [X8] 1,408 (W) x 455 (D) x 165 (H) mm (55-7/16" x 17-15/16" x 6-1/2") [X7] 1,262 (W) x 358 (D) x 125 (H) mm, (49-11/16" x 14-1/8" x 4-15/16") [X6] 1,050 (W) x 358 (D) x 125 (H) mm, (41-3/8" x 14-1/8" x 4-15/16") ● **Weight** [X8] 29.5 kg (65 lbs. 1 oz.) [X7] 14.5 kg (32 lbs.) [X6] 12.5 kg (27 lbs. 9 oz.) ● **Accessories** Handbook, Owner's Manual, Guide to the Added Functionality, Sound List, Sample Data (Audio) CD, CD-ROM (Editor(Patch, Sample, Multi-sample), Librarian, S-700 series sample converter, USB MIDI driver), PC Card Protector, Power Cord

Fantom XR
Sample Tools Expansion

COSM · Editor Software Included

- *Updates the Fantom-XR to new operation system via Memory Card installation; CompactFlash and PC-card adaptor included*
- *Fantom-X Editor software Version 2 CD-ROM also included, which contains the new Sample Editor, the Multisample Editor, and the S-700 conversion software for PC/Mac*
- *Adds multisample waveform editing for serious sample-based patch creation*
- *Adds Auto-Patch Bank mode, which creates patches for every sample for quick use in a composition*
- *New Sample Gain parameter (0/+6/+12dB)*

GENERAL midi2 · 6 SRX · USB

Specifications

[Sound Generator Section] ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Waveforms** 1,480 ● **Preset Memory** Patches: 1,152 + 256 (GM2), Rhythm Sets: 40 + 9 (GM2), Performances: 64 ● **User Memory** Patches: 256, Sample Patches: 2,000, Rhythm Sets: 32, Performances: 64 ● **Card Memory (PC card)** Patches: 256, Sample Patches: 7,000, Rhythm Sets: 32, Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types, Chorus: 3 types, Reverb: 5 types, Input Effect: 6 types, Mastering Effect: 3-band Compressor **[Sampling Section]** ● **Data Format** 16-bit linear (File Type: .WAV/AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** Standard: 16MB (mono: 180 sec. approx., stereo: 90 sec. approx.), Maximum (expanded with DIMM): 528MB (mono: 104 min. approx., stereo: 52 min. approx.) ● **Number of Samples** User memory: 2,000 (maximum total approximately 16MB), Card memory: 7,000 (PC card) **[Others]** ● **Arpeggiator** Preset: 128, User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ● **Chord Memory** Preset: 64, User: 64 ● **Display** Graphic 160 x 48 dots backlit LCD ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R) (1/4" TRS phone type), B Output Jacks (L, R) (1/4" phone type), Input Jacks (L/MONO/MIC, R) (1/4" phone type), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer (mass storage class) and MIDI), Digital Audio Interface (COAXIAL INPUT/OUTPUT), AC Inlet ● **Expansion Slots** [Expansion of waveforms and patchs for the internal sound generator] SRX expansion boards: 6 slots, [Expansion of sampling memory] DIMM: 1 slot (supports 128/256/512MB (3.3 V)) ● **External Storage Device** PC card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 13W ● **Dimensions** 481 (W) x 355 (D) x 44 (H) mm (18-15/16" x 14" x 1-3/4") ● **Weight** 3.75 kg (8 lbs. 5 oz.) ● **Accessories** Owner's Manual, Guide to the Added Functionality, Sample Data (Audio) CD, CD-ROM (Editor (Patch, Sample, Multi-sample), Librarian, S-700 series sample converter, USB MIDI driver), PC Card Protector (and 2 screws), Power Cord

Fantom Xa
Sampling Workstation

COSM · V-LINK · Editor Software Included

- *Advanced sampling production workstation with 61-note keyboard, 128 voices, and affordable price*
- *Seamless integration of audio and MIDI using ROM waves and sampling with realtime time-stretch capability*
- *Skip Back Sampling — continuous sampling for easy recording, sound design, and audio rescue*
- *USB port for MIDI and WAV/AIFF/SMF file exchange with PC or Mac*
- *128 new Patches, plus all Fantom-S preset Patches and Waves onboard*
- *3 MFX processors, plus dedicated reverb, chorus, and a mastering processor*
- *Expandable via 1 optional SRX-Series Wave Expansion Board*
- *4 line outputs (2 stereo or 4 mono), and mic/stereo line input*

GENERAL midi2 · 1 SRX · USB

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator Section]** ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Parts** 16 parts ● **Wave Memory** 64MB (16-bit linear equivalent) ● **Waveforms** 1,228 ● **Preset Memory** Patches: 768 + 256 (GM2); Rhythm Sets: 36 + 9 (GM2); Performances: 64 ● **User Memory** Patches: 256; Rhythm Sets: 32; Performances: 64 ● **Card Memory (PC card)** Patches: 256; Rhythm Sets: 32; Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types; Chorus: 3 types; Reverb: 5 types; Input Effects: 6 types; Mastering Effects: 3-band compressor **[Sampling Section]** ● **Data Format** 16-bit linear (File Type: .WAV/.AIFF) ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** mono: 47 sec. approx.; stereo: 23.5 sec. approx. **When sampling memory isn't expanded (4MB)* mono: 102 min. approx.; stereo: 51 min. approx. **When sampling memory is expanded with DIMM (516MB)* ● **Number of Samples** User Memory: 2,000 (max. total approximately 4MB); Card memory: 7,000 (PC card) **[Sequencer Section]** ● **Tracks** Phrase tracks (16 MIDI channels per track): 16; Tempo track: 1; Beat track: 1; Pattern: 100 ● **Resolution** 480 TPQN ● **Tempo** 5 – 300 ● **Note Capacity** approx. 400,000 notes ● **Song Length** 9,998 measures ● **Recording Method** Realtime recording, Step recording **[Others]** ● **Arpeggiator** Preset: 128; User: 128 ● **Rhythm Pattern** Preset: 256 (32 groups); User: 256 (32 groups) ● **Chord Memory** Preset: 64; User: 64 ● **Display** Graphic 240 x 64 dots backlit LCD ● **Pad Buttons** 10 pads (Trigger/Category Selection/Numeric Keys) ● **Controllers** Pitch Bend/Modulation Lever, Control Knob x 4, Assignable Switch x 2, D Beam Controller ● **Connectors** Headphones Jack, A (MIX) Output Jacks (L/MONO, R): 1/4" phone type, B Output Jacks (L, R): 1/4" phone type, Input Jacks (L/MONO/MIC, R): 1/4" phone type, Hold Pedal Jack (Half Pedal recognition), Control Pedal Jack (assignable), MIDI Connectors (IN, OUT, THRU), USB Connector (supports file transfer and MIDI), AC Adaptor Jack ● **Expansion Slots** SRX expansion boards: 1 slot, DIMM: 1 slot (supports 128/256/512MB (3.3 V)), PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adapter) ● **Power Supply** DC 9 V (AC Adaptor) ● **Current draw** 1,200 mA ● **Dimensions** 1,065 (W) x 358 (D) x 114 (H) mm (41-15/16" x 14-1/8" x 4-1/2") ● **Weight** 10.9 kg (24 lbs. 1 oz.) (excl. AC Adaptor) ● **Accessories** CD-ROM (Editor, USB MIDI driver), PC Card Protector, AC Adaptor (PSB-1U)

JUNO-G
Synthesizer

COSM V-LINK *Editor Software Included*

- *Stunning "Fantom-X-quality" sound engine, 128-voice polyphony*
- *Audio/MIDI multitrack recorder with dedicated transport controls and mixer*
- *SRX slot for expanding the internal soundset*
- *Large, friendly display and front-panel controls*
- *Arpeggiator, Chord Memory, Rhythm Pattern, and multi-effects built in*
- *USB port for MIDI communication, AIFF/WAV file exchange, and data transfer*
- *PC Card slot (which accepts CompactFlash or SmartMedia cards via adapter)*
- *Cakewalk SONAR LE software CD-ROM bundled*

Specifications

SONAR LE GENERAL MIDI2 1 SRX USB

● **Keyboard** 61 keys (velocity sensitive) **[Sound Generator]** ● **Max. Polyphony** 128 voices (shared with audio track section) ● **Parts** 16 parts ● **Wave Memory** 64MB (16-bit linear equivalent) ● **Preset Memory** Patches: 768 + 256 (GM2), Rhythm Sets: 36 + 9 (GM2), Performances: 64 ● **User Memory** Patches: 256, Rhythm Sets: 32, Performances: 64 ● **Effects** Multi-Effects: 3 systems, 78 types, Reverb: 5 types, Chorus: 3 types, Mastering Effects: 3-band compressor, Input Effects: 6 types **[Song Recorder Section]** ● **Tracks** MIDI tracks: 16, Audio tracks: 4 stereo tracks ● **Song Length** 9,998 measures ● **Tempo** 5 - 300 ● **MIDI Track** Resolution: 480 TPQN, Note Capacity: approx. 400,000 notes, Recording Method: Realtime recording, Step recording ● **Audio Track** Data Format: 16-bit linear, Sample Rate: 44.1kHz, Recording Time: memory not expanded (4MB): approx. stereo 23.5 seconds, memory fully expanded (516MB): approx. stereo 51 minutes **[Others]** ● **Arpeggiator** Preset: 128, User: 128 ● **Rhythms Pattern** Preset: 256 (32 groups), User: 256 (32 groups) ● **Chord Memory** Preset: 64, User: 64 ● **Controllers** D Beam Controller, Pitch Bend/Modulation Lever, Sound Modify Knob x 6 ● **Display** 240 x 92 dots graphic LCD (with backlit) ● **Expansion Slot** SRX expansion board: 1 slot, DIMM: 1 slot (memory expansion for audio recording) ● **External Storage Device** PC Card: 1 slot (supports SmartMedia and CompactFlash using a PC card adaptor) ● **Connectors** Headphone Jack, Output Jacks (L/MONO, R): 1/4" phone type, Input Jacks (L/MONO/MIC, R): 1/4" phone type, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector (supports file transfer and MIDI) ● **Power Supply** DC 9 V (AC Adaptor) ● **Current Draw** 2,000 mA ● **Dimensions** 1,023 (W) x 298 (D) x 102 (H) mm (40-5/16" x 11-3/4" x 4-1/16") ● **Weight** 6.2 kg (13 lbs. 11 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, CD-ROM (Editor/Librarian/USB MIDI driver, SONAR LE), AC Adaptor ● **Options** Wave Expansion Board (SRX Series), Keyboard Stand (KS-12), Pedal Switch (BOSS FS-5U), Expression Pedal (EV-5)

JUNO-D
Synthesizer

Editor Software Included

- *Affordable 61-note synthesizer with 64-voice polyphony, improved keyboard feel*
- *640 top-quality patches, 20 rhythm sets, GM2 compatibility*
- *47 multi-effects, 8 reverb types, 8 chorus types*
- *Powerful arpeggiator, with 400 phrase/arpeggio templates*
- *Multi Chord memory for one-finger chord triggering; Rhythm Guide metronome with preset patterns and variations*
- *Mac/PC editing software included*

Specifications

GENERAL MIDI2

● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Parts** 16 * Two Tones can be assigned to each part (Patch), and can be split or layered. ● **Wave Memory** 32MB (16-bit linear equivalent) ● **Preset Memory** Original Tones: 640, Patches:640 (JUNO-D original: 384, General MIDI 2: 256), Rhythm Sets: 20 (JUNO-D original: 11, General MIDI 2: 9), Performances: 32 ● **User Memory Patches:** 128 * Two Tones can be assigned to each Patch. , Rhythm Sets: 2, Performances: 8 ● **Effects** Multi-Effects: 47 types, Reverb:8 types, Chorus: 8 types ● **Rhythm Guide** Preset Patterns: 32, Tempo: 5 to 300 BPM (with tap tempo function) ● **Multi-Chord Memory** Preset Chord Sets: 16 * 12 chord forms are assigned to each set; User Chord Sets: 8 * 12 chord forms can be assigned to each set. ● **Phrase/Arpeggio** Templates: 342, User Templates: 8, Styles (Variations): 473 ● **Controllers** D Beam Controller: 1, Pitch Bend/Modulation Lever: 1,Control Knobs: 5 ● **Display** 20 characters, 2 lines (Backlit LCD) ● **Connectors** Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack ● **Power Supply** DC 9 V (AC Adaptor) ● **Current Draw** 1000 mA ● **Dimensions** 1,021 (W) x 292 (D) x 103 (H) mm (40-1/4" x 11-1/2" x 4-1/16") ● **Weight** 5.0 kg (11 lbs. 1 oz.) (excl. AC adaptor) ● **Accessories** Owner's Manual, AC Adaptor, CD-ROM (Editor program for PC/Mac) ● **Options** Pedal Switch (DP-2, DP-8), Foot Switch (BOSS FS-5U), Expression Pedal (EV-5), Keyboard Stand (KS-8, KS-12)

SH-201
Synthesizer

Editor Software Included

- *Great-sounding analog-modeling synth*
- *Ultra-EZ front panel is logically designed to teach the basics of synthesis*
- *External input for manipulating external audio from CD/MP3 players, etc.*
- *Built-in delay, reverb, and overdrive effects*
- *Arpeggiator adds instant rhythmic motion to sounds*
- *USB port for audio/MIDI connection to computer*
- *VSTi and Audio Units (AU) Editor software included for computer integration*
- *Invisible infrared D Beam controller*
- *Short recorder onboard to capture and loop your performance and knob tweeking*

Specifications

USB

● **Keyboard** 49 keys (velocity sensitive) ● **Sound Generator** Analog Modeling Sound Engine (One MIDI part), Two Tones per Patch (Upper and Lower), 2 Oscillators with MIX/MOD + 1 Filter + 1 Amp + 2 LFO + 3 Envelopers ● **Patch Memory** Preset : 32, User: 32 ● **OSC Section** Oscillator Waveform: SAW, SQUARE, PULSE/PWM, TRIANGLE, SINE, NOISE, FB OSC, Super SAW, EXT IN, Knobs: Pitch, Detune, PulseWidth/Feedback, Pitch Enveloper: Attack, Decay ● **MIX/MOD Section** Oscillator Sync, Ring Modulation, Low Boost/Low Cut, Knob: Balance (OSC1/OSC2) ● **FILTER Section** Filter Type: LPF, BPF, HPF (-12 dB/-24 dB), Knobs: Cutoff, Resonance, Key follow, Enveloper: Attack, Decay, Sustain, Release ● **AMP Section** Knob: Level, Insertion Effect: Overdrive, Enveloper: Attack, Decay, Sustain, Release ● **LFO Section** LFO Shape: TRIANGLE, SINE, SAW, SQUARE, TRAPEZOID, SAMPLE AND HOLD, RANDOM, Knobs: Rate, Destination 1 Depth, Destination 2 Depth, Tempo Sync ON/OFF ● **Effects** Reverb, Modulation Delay ● **Controllers** Pitch Bend/Modulation lever, D Beam Controller ● **Arpeggiator** Pattern template: 32, Tempo: 20 to 250 B.P.M. *Fully programmable with PC editor software ● **Recorder** Easy MIDI recorder, Number of Track: 1, Tempo: 20 to 250 B.P.M. ● **Jacks/Connectors** Output Jacks (L/MONO, R) (1/4" phone type), Headphones Jack, Input Jacks (L,R) (RCA pin type), MIDI Connectors (IN, OUT), USB Connector (AUDIO/MIDI), Pedal Jack, DC In Jack ● **Power Supply** AC Adaptor (DC 9 V) ● **Dimensions** 884 (W) x 354 (D) x 107 (H) mm (34-13/16" x 13-15/16" x 4-1/4") ● **Weight** 5.2 kg (11 lbs. 8 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, AC Adaptor, CD-ROM (USB Driver, Editor, Librarian) ● **Options** Pedal Switch (DP series), Foot Switch (BOSS FS-5U), Expression Pedal (EV-5)

● **Option**

CB-49VP
Gig Bag for 49-Key Keyboards

● **Dimensions** 900 (W) x 380 (D) x 190 (H) mm (35-7/16" x 15" x 7-1/2")

VP-550
Vocal & Ensemble Keyboard

- *Generate expressive, interactive backing vocals in real time*
- *Vocal Designer types: Classic, Male/Female, Gospel, Pop, Vocoder 1/2, Ext In*
- *Ensemble types: Strings 1, Strings 2, Jazz Scat, Mixed Chorus, Boys Choir, Humming*
- *Play Vocal Designer and Ensemble sounds simultaneously*
- *Exceptionally user-friendly operation*
- *Built-in "Sound Check" recorder for handy vocal-model auditioning*
- *Invisible D Beam infrared controller for high-impact performance*
- *Ambience types: Hall 1, Hall 2, Studio*

Specifications

● **Keyboard** 49 keys (with velocity) ● **Tones** Vocal Designer (7 tones): CLASSIC, MALE & FEMALE, GOSPEL, POP, VOCODER1, VOCODER2, EXT IN, Ensemble (6 tones): STRINGS1, STRINGS2, JAZZ SCAT, MIXED CHORUS, BOYS CHOIR, HUMMING, Bass & Percussion (4 sets): BASS1, BASS2, BASS3, PERC ● **Ambience (3 types)** HALL1, HALL2, STUDIO ● **Max. Polyphony** 128 voices (Changes depending on the sound and the playing technique) ● **Controllers** D Beam Controller, Pitch Bend / Modulation Lever ● **Octave Shift** +/- 1 Octave ● **Number of Registration memories** 4 ● **Master Tune** 415.3Hz to 466.2Hz ● **Sound Check Function** Records OUTPUT signal for 10 seconds and plays it back. ● **Nominal Input Level** INPUT (MIC): -50 to -10dBu, INPUT (EXT IN): -36 to +4dBu ● **Connectors** Headphones Jack, Output Jacks (L/MONO, R) (1/4" phone type), MIC Jack (XLR type), External Input Jack (1/4" phone type), MIDI Connectors (IN, OUT), Hold Pedal Jack, Expression Pedal Jack, AC Inlet ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 14 W ● **Dimensions** 865 (W) x 346 (D) x 99 (H) mm (34-1/8" x 13-11/16" x 3-15/16") ● **Weight** 8.5 kg (18 lbs. 12 oz.) ● **Accessories** Owner's Manual, Leaflet "USING THE UNIT SAFELY", Leaflet "Mics recommended for the VP-550", Power Cord ● **Options** Keyboard Stand (KS-12), Pedal Switch (DP-2/6/8), Foot Switch (BOSS FS-5U), Expression Pedal (EV-5, BOSS FV-300L), Microphone (DR Series)

● **Option**

CB-49VP
Gig Bag for 49-Key Keyboards

● **Dimensions** 900 (W) x 380 (D) x 190 (H) mm (35-7/16" x 15" x 7-1/2")

SRX-Series
Wave Expansion Boards

** Compatible products: Fantom, Fantom-S/-S88, Fantom- X8/X7/X6/XR/Xa, XV-5080/5050/3080/2020/88, MC-909, RD-700/RD-700sx, V-Combo, JUNO-G, E-80 and G-70. (Tones may sound different between compatible models, and the number of Tones that can be selected may also vary.)*

SRX-01
Dynamic Drum Kits

The SRX-01 Dynamic Drum Kits was developed in cooperation with Spectrasonics® and is loaded with the finest acoustic drum sounds ever assembled. Painstakingly sampled and edited in world-class studios, these vintage and modern kits can be layered and played in stereo with the most delicate of nuances.

SRX-02
Concert Piano

The SRX-02 Concert Piano expansion board dedicates its entire wave memory to one purpose — reproducing an exquisite stereo-sampled piano sound. All samples were taken from a single, extremely rare and elegant European piano to faithfully preserve its delicate sound.

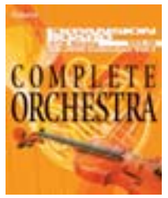
SRX-03
Studio SRX

For musicians in search of the latest pop music sounds, Roland introduces the SRX-03 "Studio SRX." This wave expansion board includes everything from expressive pianos, bass and synth sounds to unbelievable nylon string guitars, drums and more—all recorded in world-class studios to preserve their natural ambience.

SRX-04
Symphonique Strings

The SRX-04 "Symphonique Strings" gives film composers, songwriters, and musicians direct access to the world's finest stereo-sampled string and orchestral sounds without the load time of a CD-ROM. Designed to be extremely realistic, these ultra-expressive sounds offer multiple performance articulations and 4-way velocity-switching capability.

SRX-05
Supreme Dance

The SRX-05 Supreme Dance is Roland's finest collection of dance music sounds ever offered on an expansion board. This massive library includes 818 waveforms, 312 Patches, and 34 Rhythm Sets which can be played from any SRX-compatible Roland instrument.

SRX-06
Complete Orchestra

SRX-06 "Complete Orchestra" contains all the waveforms from Roland's popular SR-JV80-02 "Orchestral," SR-JV80-16 "Orchestral II" and SR-JV80-13 "Vocal" collections. Selected waveforms from SR-JV80-07 "Super Sound Set" are also included. As such, SRX-06 provides 449 fresh, inspiring sounds for composers, film scoring or any situation where realistic orchestral and vocal sounds are needed.

SRX-07
Ultimate Keys

SRX-07 "Ultimate Keys" contains all the waveforms from Roland's SR-JV80-04 "Vintage Synth," SR-JV80-08 "Keyboards of the '60s & '70s," and SR-JV80-10 "Bass & Drums," plus select waves from SR-JV80-09 "Session" and SR-JV80-03 "Piano." With 475 all-new Patches and 11 Rhythm Sets, SRX-07 covers all the bases including some tasty loops.

SRX-08
Platinum Trax

With SRX-08 "Platinum Trax," DJs and remixers gain some of the most sought-after dance music sounds ever—taken from the SR-JV80-11 "Techno," SR-JV80-12 "HipHop" and SR-JV80-19 "House" collections. As a bonus, a collection of waves from SR-JV80-15 "Special FX" have also been added, making the SRX-08 one of the most complete dance music libraries ever.

SRX-09
World Collection

SRX-09 "World Collection" takes its waveforms from Roland's popular SR-JV80-05 "World," SR-JV80-14 "Asia," and SR-JV80-18 "Latin" collections. There's even a little bit of country thrown in from SR-JV80-17! So whether you're working in Nashville, Miami or Tokyo, you'll have 448 brand-new Patches and 21 unique Rhythm Sets ready to spice up your music.

SRX-10
Big Brass Ensemble

The SRX-10 Big Brass Ensemble includes a world-class collection of brass sounds suited for pop music, film scoring, classical, and more. Created by top studio engineers such as Dan Blessinger (Martinsound), each of the SRX-10's patches captures the true articulations and feel of traditional brass instruments and ensembles—including realistic "falls"—allowing composers to arrange brass parts with startling realism. It's perfect for use with other SRX expansions such as SRX-04 Symphonique Strings. The definitive brass collection.

SRX-11
Complete Piano

Roland delivers its most stunning 88-note multisampled grand piano yet. Each key of a world-class grand was meticulously recorded in high-resolution stereo, with 4-stage velocity switching employed, resulting in 704 samples for this single instrument! The ultra-wide dynamic range of this sampled piano makes it ideal for virtually all musical styles. One piano, no compromise.

SRX-12
Classic EPs

Introducing the SRX-12, the finest sound library of EPs and Clavs to bear the Roland logo. It can be installed in any SRX-compatible instrument, but Fantom-X8/X7/X6 owners are in for an extra special treat with this expansion board, as it adds new functionality to the Fantom-X's Piano Mode.

RD-700sx
Digital Piano

COSM V-LINK

- *Two great new grand piano soundsets, each with 88-key multisamples*
- *Roland's most expressive Progressive Hammer-Action Keyboard*
- *128-voice polyphony*
- *3-band parametric EQ with graphical user interface and COSM effects for easy tone shaping*
- *Realistic tonewheel organ sounds with graphic drawbar editing*
- *XLR outputs for professional use*
- *Master keyboard functions with two individual MIDI outputs for controlling external MIDI modules*
- *Built-in SMF player with USB connection for PC/Mac*
- *2 SRX Expansion slots for adding great new sounds*
- *Complete GM2-compatible sound engine onboard*
- *Micro-tuning of each key*

GENERAL midi2 2 SRX USB

Specifications

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard) ● **Part** 16 parts ● **Max. Polyphony** 128 voices ● **Wave Memory** 128MB (16-bit linear equivalent) ● **Expansion Slots** Wave Expansion Board SRX Series: 2 slots ● **Tones** Normal Tones: 208, Tonewheel Organ: 10, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ● **Setups** 100 ● **Flash Memory** Approx. 1MB (1,000KB) ● **Effects** Multi-Effects: 2 systems, 125 types, Reverb: 6 types, Chorus: 3 types, Sound Control (3-band Compressor), 3-band Digital Equalizer ● **Arpeggiator** 128 styles ● **Rhythm Pattern** 185 patterns ● **Controllers** Zone Level slider x 4 (Assignable), Equalizer knobs, Reverb knob, Chorus knob, Multi-Effects Control knob, Pitch Bend/Modulation lever ● **Display** 128 x 64 dots graphic LCD (with backlit) ● **Connectors** Headphones Jack: Stereo 1/4" phone type, Output Jacks (L/MONO, R): 1/4" phone type, Output Jacks (L, R): XLR type, Pedal Jacks (DAMPER, FC1, FC2): 1/4" TRS phone type, MIDI Connectors (IN, OUT1, OUT2, THRU), USB Connector (supports file transfer and MIDI), AC Inlet ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 12W ● **Dimensions** 1,414 (W) x 374 (D) x 143 (H) mm, (55-11/16" x 14-3/4" x 5-11/16") ● **Weight** 24.5 kg (54 lbs. 1 oz.) ● **Accessories** Owner's Manual, CD-ROM (RD USB Driver), Damper Pedal (DP-8), Power Cord ● **Options** Wave Expansion Board: SRX Series, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7

RD-300sx
Digital Piano

V-LINK

- *New stage piano with 88-key grand piano multisamples*
- *Compact Progressive Hammer-Action Keyboard*
- *Lightweight and portable*
- *128-voice polyphony*
- *Onboard multi effects with 78 algorithms and 2-band EQ with dedicated knobs*
- *32 programable Setups allow instant recall of custom settings*
- *USB MIDI for easy connection to a PC or Mac*
- *Easy splits and dual; master keyboard control*
- *GM2-compatible sound engine onboard*

GENERAL midi2 USB

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer Action Keyboard) ● **Part** 16 parts ● **Max. Polyphony** 128 voices ● **Wave Memory** 64MB (16-bit linear equivalent) ● **Tones** Normal Tones: 70, General MIDI 2 Tones: 256, Rhythm Sets: 5, General MIDI 2 Rhythm Sets: 9 ● **Setups** 32 ● **Effects** Multi-Effects: 78 types, Reverb: 4 types, Sound Control, 2-band Digital Equalizer ● **Rhythm Pattern** 185 patterns ● **Controllers** Zone Level slider x 2, Equalizer knobs, Pitch Bend/Modulation lever ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Headphones Jack: Stereo 1/4" phone type, Output Jacks (L/MONO, R): 1/4" phone type, Pedal Jacks (DAMPER, CONTROL): 1/4" TRS phone type, MIDI Connectors (IN, OUT), USB Connector (MIDI), DC IN Jack ● **Power Supply** DC 9V (AC adaptor) ● **Power Consumption** 11W ● **Dimensions** 1,408 (W) x 336 (D) x 134 (H) mm (55-7/16" x 13-1/4" x 5-5/16") ● **Weight** 15.5 kg (34 lbs. 3 oz.) ● **Accessories** Owner's Manual, USB Installation guide, CD-ROM (Roland Digital Piano USB Driver), Damper Pedal (DP-8), AC Adaptor (PSB-1U), Power Cord ● **Options** Keyboard Stand: KS-12, Pedal Switch: DP-2, Damper Pedal: DP-8, DP-10, Foot Switch: BOSS FS-5U, FS-6 (TRS phone jacks cannot be used.), Expression Pedal: EV-5, EV-7, MIDI Implementation

V-Combo VR-760
Performance Keyboard

COSM V-LINK

- *76-note keyboard with top-quality organ, piano, and synthesizer sounds*
- *Fully polyphonic organ sounds; 128-voice polyphony for piano/synth sounds*
- *Professional VK-Series organs with COSM® Amp and Rotary Speaker Modeling*
- *Expressive new electric piano sounds, plus stereo-sampled acoustic piano sounds with COSM Mic Modeling*
- *Synthesizer section includes 6 Tone categories with intuitive knob-based editing*
- *Expandable via 2 optional SRX-Series Wave Expansion Boards*

2 SRX CF CompactFlash

Specifications

● **Keyboard** Waterfall 76 keys (with velocity and aftertouch) ● **Sound Generator** Organ: Virtual ToneWheel, Piano/Synth/Rhythm: PCM ● **Parts** ORGAN, PIANO, SYNTH, RHYTHM ● **Max. Polyphony** Organ: Full Polyphony, Piano/Synth/Rhythm: 128 ● **Wave Memory** 96MB (16-bit linear equivalent) **<Organ Section>** Harmonic Bar (16', 5-1/3', 8', 4', 2-2/3', 2', 1-3/5', 1-1/3', 1'), ToneWheel (Vintage 1/2, Clean), Vibrato and Chorus (V-1/2/3, C-1/2/3), Percussion (Second/Third/Soft/Slow), Amplifier (Type 1/2/3/4, Overdrive) Rotary (Slow/Fast, Brake) **<Piano Section>** Tones: 9 (3 variations by each A.Piano/E.Piano, and Others categories) Mic/Amp (Type 1/2, Distance/EQ), Piano MFX (Chorus, Tremolo, Wah, Phaser, Depth, Rate) **<Synth Section>** Tones: 18 (3 variations by each Strings, Choir/Scat, Brass, Synth Lead, Synth Pad, Bass categories), SRX Expansion, Tone Modifier: Attack, Release, Cutoff, Reso, Synth MFX: On/Off, Control, Active Expression: Fade, Timbre **<Rhythm Section>** Rhythm Pattern: 24 ● **Internal Memory** Registration: 64 ● **D Beam** Organ: Rotary Slow/Fast, Piano: Octave, Synth: Glide ● **Reverb** Room/Hall/Church, Depth ● **Master EQ** Low, Middle (Freq/Level), High ● **Expansion Slot** Wave Expansion Board SRX Series: 2 slots ● **External Memory** CompactFlash Memory ● **Other Functions** V-LINK, One Touch, Split, H-Bar Manual ● **Connectors** Output (L/Mono, R), Output (XLR type), Headphones, Expression Pedal, Damper Pedal, Control Pedal, MIDI (In, Out, Thru), AC Inlet ● **Power Consumption** 20W (AC 117/230/240 V) ● **Dimensions** 1,291 (W) x 400 (D) x 121 (H) mm (50-7/8" x 15-3/4" x 4-13/16") ● **Weight** 17 kg (37 lbs. 8 oz.) ● **Accessory** Music Rest ● **Options** Wave Expansion Board (SRX Series), Expression Pedal (EV-7/5, FV-500L), Damper Pedal (DP-8/2), Foot Switch (FS-5U), Keyboard Stand (KS-12)

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

** Roland Corporation is an authorized licensee of the CompactFlash TM and CF logo ( ) trademarks.*

** The V-Combo's CompactFlash file system is developed by Kyoto Software Research, Inc.*

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Kyoto Software Research Fugue

VK-88
Combo Organ

COSM

- *Flagship double-manual combo organ with Virtual ToneWheel technology*
- *Dual waterfall keyboards with quick-firing keys—great for glissandi*
- *Includes "Orchestral Tones" like piano, strings, brass, and choir*
- *9 harmonic bars per manual, 2 harmonic bars for pedal part, plus 2 harmonic bars for Orchestral Tones*
- *4 types of COSM Amp Modeling including overdriven sounds*
- *Rotary speaker modeling simulates a well-known rotary speaker*
- *Authentic solid wood cabinet and vintage keys*
- *Optional KS-88 organ stand, BNC-88 organ bench and PK-25A / PK-7A pedalboards*

**VK-88 shown with music rest (included), optional KS-88 organ stand, PK-25A pedalboard, and BNC-88 organ bench.*

Specifications

● **Manuals** Upper: 61 keys (Waterfall keyboard with velocity and aftertouch), Lower: 61 keys (Waterfall keyboard with velocity) ● **Sound Generator** Organ: Virtual ToneWheel, Orchestral Tones: PCM ● **Part** Organ: 3 (Upper/Lower/Pedal), Orchestral Tones: 3 (Upper/Lower/Pedal) ● **Max. Polyphony** Organ: Full Polyphony, Orchestral: 128 ● **Organ** Tone wheel (Vintage 1/2, Solid, Clean), Leakage Level, Key Click, Vibrato and Chorus (V-1/2/3, C-1/2/3), Percussion (Second/Third/Soft/Slow), AMP simulator (Type I, Type II, Type III, Type IV), Overdrive, Tone, Reverb (Room, Hall, Church, Spring, Reverb Level), D Beam (Crescendo, Rotary Speed, Ring Modulator, Tone Wheel Brake, Spring Shock) ● **Orchestral Tones** Upper (Strings, Large Choir, Gospel Choir, Synth Pad, Brass, Wood Winds, Jazz Scat, Accordion), Lower&Pedal (Piano, E.Piano 1/2, Clavi, Vibes, Harpsichord, A.Bass, E.Bass) ● **Internal Memory** Registration memory: 64 (User Memory) ● **Connectors** Input (L/Mono, R) (1/4" phone type), Mix Output (L, R) (XLR 3-32 type), Mix Output (L/Mono, R) (1/4" TRS phone type), Organ Output (L/Mono, R) (1/4" TRS phone type), Orchestral Output (L/Mono, R) (1/4" TRS phone type), Headphones (Stereo 1/4" phone type), Expression Pedal, Hold Pedal, Control Pedal 1/2, MIDI (In, Pedal In, Out), PK In, Rotary Tone Cabinet Connector, AC Inlet ● **Power Consumption** 55W (AC 117/230/240 V) ● **Finish** Top Panel: Simulated Walnut, Side Panel: Natural Wood Walnut finish ● **Dimensions** 1,184 (W) x 590 (D) x 199 (H) mm (46-5/8" x 23-1/4" x 7-7/8") <incl. the music rest + organ stand (KS-88)> 1,184 (W) x 590 (D) x 1,130 (H) mm (46-5/8" x 23-1/4" x 44-1/2") ● **Weight** VK-88: 39 kg (86 lbs.), KS-88: 23 kg (50 lbs. 12 oz.), BNC-88: 20 kg (44 lbs. 2 oz.) ● **Accessories** Music Rest, Rear cover, Screw set, Cord Clamp, PK Cable, Power cord

VK-8
Combo Organ

COSM

- *61-key single manual combo organ with enhanced Virtual ToneWheel technology*
- *Velocity-sensitive keys use traditional "waterfall" design—great for glissandi*
- *Sophisticated rotary speaker modeling with overdrive effect based on COSM®*
- *Intuitive panel layout with 9 harmonic bars, new Vibrato/Chorus knob and Percussion button*
- *D Beam controller with Preset templates for more expressive performance*
- *New Other Tones for a wider sonic palette (e.g. piano, strings, choir, etc.)*
- *2 MIDI inputs for connecting a MIDI keyboard and optional PK-7A pedalboard — enjoy full polyphony while playing pedals and keys!*
- *Authentic solid wood cabinet and vintage keys*

● **Option**

KS-12
Keyboard Stand

■ KS-12 (for VK-8)

Specifications

● **Manual** 61 keys (Waterfall keyboard with velocity) ● **Sound Generator** Organ: Virtual ToneWheel, Other Tones:PCM ● **Part** Organ:3 (Upper/Lower/Pedal), Other Tones ● **Max. Polyphony** Organ: Full Polyphony, Other Tones: 64 voices ● **Organ** Tone wheel (Vintage 1/2, Clean), Leakage Level, Vibrato and Chorus (V-1, V-2, V-3, C-1, C-2, C-3), Percussion (Second/Third/Soft/Slow), AMP simulator (Type I, Type II, Type III, Type IV), Overdrive, Tone, Reverb (Room, Hall, Church, Spring, Reverb Level), D Beam (Crescendo, Rotary Speed, Ring Modulator, Tone Wheel Brake, Spring Shock) ● **Other Tones** Piano, Electric Piano 1, Electric Piano 2, Strings, Jazz Scat, Choir, Synth, Brass, Effect: Chorus, Reverb ● **Internal Memory** Preset memory: 64 (User Memory) ● **Connectors** Output (L/Mono, R): 1/4" TRS phone type, Headphones: Stereo 1/4" phone type, Expression Pedal, Hold Pedal, Control Pedal, MIDI (Keyboard In, Pedal In, Out), Rotary Tone Cabinet, AC Inlet ● **Power Consumption** 15W (AC 117/230/240 V) ● **Finish** Top Panel: Simulated Walnut, Side Panel: Natural Wood Walnut finish ● **Dimensions** 1,160 (W) x 344 (D) x 109 (H) mm (45-11/16" x 13-9/16" x 4-5/16") ● **Weight** 14.5 kg (32 lbs.) ● **Accessory** Power cord

VK-8M
Organ Module

COSM

- *Tabletop organ module with acclaimed "Virtual ToneWheel" sound*
- *4 COSM® amp types with overdrive, plus rotary modeling and reverb*
- *9 harmonic bars for a range of authentic organ tones*
- *Line input for blending in an external sound*
- *Active Expression lets players fade in external sounds via pedal*
- *Easy realtime control via D Beam controller with multi-colored LED*

■ **BKT-8**
Bracket Kit
(for VK-8M)

■ **PDS-10**
Pad Stand

**By purchasing the optional BKT-8 Bracket Kit, you can mount the VK-8M on Roland's PDS-10 Stand for easy access on stage or in the home studio.*

Specifications

● **Sound Generator** Virtual Tonewheel ● **Parts** 3 (Upper/Lower/Pedal) ● **Max. Polyphony** Full Polyphony ● **Organ** <Tone Wheel> Vintage 1/ 2, Clean, Leakage Level <Vibrato and Chorus> V1/2/3, C1/2/3 <Percussion> Second, Third, Soft, Slow <AMP Simulator> TYPE I, TYPE II, TYPE III, TYPE IV, Overdrive, Tone, <Reverb> Room, Hall, Church, Spring, Reverb Level. <D BEAM> Crescendo, Rotary Speed, Ring Modulator, Tone Wheel Brake, Spring Shock, Glissando ● **Internal Memory** Registration memory: 36 (User Memory) ● **Connectors** Output (L/Mono, R) (1/4" phone type), Input (L/Mono, R) (1/4" phone type), Headphones (Stereo miniature phone type), Expression Pedal, MIDI (In, Out), AC Adaptor (DC 9 V) ● **Power Supply** AC Adaptor (PSB-1U) ● **Finish** Side Panel: Natural Wood Walnut Finish ● **Dimensions** 233 (W) x 275 (D) x 77 (H) mm (9-3/16" x 10-7/8" x 3-1/16") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Edit Mode Quick Reference, AC Adaptor, Power cord

PK-25A
25-Key Pedalboard

- *Solidly built 25-key pedalboard with volume pedal*
- *Expression pedal, foot switch, and damper pedal connectors*
- *MIDI output for triggering external MIDI devices*

● **Rear Panel**

Specifications

● **Pedalboard** 25 keys ● **Control** Expression Pedal, Foot Switch (L, R), Damper (Hold) Switch, MIDI CH (MIDI Channel Switching) Knob, OCT SHIFT (Octave Shift) Switch, Power Switch ● **Connectors** PK OUT Jack, MIDI Connectors (IN, OUT), HOLD OUT Jack, EXPRESSION OUT Jack, FOOT SW-R OUT Jack, FOOT SW-L OUT Jack, DC IN Jack ● **Power supply** DC 9 V: AC adaptor, or supplied from VK-88 via PK cable ● **Dimensions** 1068 (W) x 885 (D) x 283 (H) mm (42-1/16" x 34-7/8" x 11-3/16") ● **Weight** 29.0 kg (63 lbs 15 oz) ● **Accessories** AC Adaptor, PK cable

PK-7A
20-Key Pedalboard

- *Solidly built 20-key pedalboard with volume pedal*
- *Expression pedal, foot switch, and damper pedal connectors*
- *MIDI output for triggering external MIDI devices*

● **Rear Panel**

Specifications

● **Pedalboard** 20 keys ● **Control** Expression Pedal, Foot Switch (L, R), Damper (Hold) Switch, MIDI CH (MIDI Channel Switching) Knob, OCT SHIFT (Octave Shift) Switch, Power Switch ● **Connectors** PK OUT Jack, MIDI Connectors (IN, OUT), HOLD OUT Jack, EXPRESSION OUT Jack, FOOT SW-R OUT Jack, FOOT SW-L OUT Jack, DC IN Jack ● **Power supply** DC 9 V: AC adaptor, or supplied from VK-88 via PK cable ● **Dimensions** 905 (W) x 490 (D) x 271 (H) mm (35-11/16" x 19-5/16" x 10-11/16") ● **Weight** 15.7 kg (34 lbs 10 oz) ● **Accessories** AC Adaptor, PK cable

PK-5A
Dynamic MIDI Pedal

Specifications

● **Pedalboard** 13 keys (with velocity, polyphonic/monophonic) ● **Connectors** AC Adaptor, MIDI (In, Out, Thru) ● **Dimensions** 425 (W) x 560 (D) x 120 (H) mm (16-3/4" x 22-1/16" x 4-3/4") ● **Weight** 8 kg (17 lbs. 10 oz.)

EV-7/EV-5
Expression Pedals

■ EV-7

■ EV-5

Specifications

● **Controls/Connectors** Main Volume Pedal, Minimum Volume Knob, Stereo Plug Cord (2 m) ● **Dimensions** 138 (W) x 298 (D) x 98 (H) mm (5-7/16" x 11-3/4" x 3-7/8") (EV-7) / 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") (EV-5) ● **Weight** 1.2 kg (2 lbs. 11 oz.) (EV-7) / 400 g (14 oz.) (EV-5) ● **Accessory** Rubber Feet x 2 (EV-7 only)

Synthesizers/Keyboards

MC-909

COSM V-LINK

sampling groovebox

- *Flagship dance music workstation with 64-voice synth engine, CD-quality sampler, 16-track sequencer, effects, and USB*
- *16MB sample memory (expandable up to 272MB) — plus Chop, Timestretch, Normalize, and Wave Edit functions*
- *Hundreds of new waveforms, Patches, and Rhythm Sets with SRX expansion*
- *Dedicated mastering effect, reverb, and compressor, plus 2 MFX processors*
- *USB port for .WAV/AIFF/SMF/BMP file transfer; optional SmartMedia storage**
- *S/PDIF digital I/O for sampling and connection to digital gear*
- *Professional MIDI sequencing with velocity-sensitive pads and hundreds of new Preset patterns*
- *Intuitive interface with large LCD, Part Mixer, and realtime controllers including Turntable Emulation for audio and MIDI*
- *New V-LINK function** for integrating audio and video in performance*

** Recommended file types for backup via USB:*
Audio file → (WAV/AIFF)
Song/Pattern → (SMF: format 0.1)
Bitmap file → (BMP: 320 x 240 pixels)

*** V-LINK requires EDIROL video equipment (sold separately).*

1 SRX USB SmartMedia™ 3.3V

Specifications

[Sound Generator] ● **Max. Polyphony** 64 ● **Sampling Frequency** 44.1kHz ● **Parts** 16 (Main) + 16 (RPS) ● **Waves** 693 ● **Patches** (Preset/800, User/256, Card/256) ● **Rhythm Set** (Preset/72, User/128, Card/128) **[Sampling]** ● **Data Format** 16-bit linear (File Type: WAV/AIFF) ● **Max. Polyphony** 64 ● **Sampling Frequency** 44.1kHz ● **Max. Sampling Time** Internal memory (16MB) only = mono: 180 sec. approx. (stereo 90 sec. approx.), with DIMM (256MB) = mono: 51 min. approx. (stereo 25.5 min. approx.) ● **Samples** User/2,000, Card/7,000 (128MB SmartMedia) **[Sequencer]** ● **Parts** 16 + Tempo/Mute Control ● **Resolution** 480 ticks per quarter note ● **Tempo** 5 to 300 bpm ● **Patterns** Preset 215, RPS 440, User 200, Card 999 ● **Rec. Mode** Realtime, TR-REC, Step ● **Songs** 50 ● **Arpeggio Style** Preset/User 128 ● **Chord Memory** Preset 64, User 128 ● **RPS Set** 50 ● **Pattern set** 50 **[Effects]** ● **Reverb** 1 (4 types), Compressor 1 (1 type), Multi-effects 2 (MFX1: 38 types, MFX2: 47 types) ● **Pitch Shifter** (for external input) 1 **[Mastering]** ● **3-band Compressor** 1 **[Expansion Slot]** ● **Wave Expansion Board SRX Series** 1 slot ● **DIMM** 1 slot (Number of pins = 168-pin, Speed = 100MHz (PC100 CL = 2), 133MHz (PC133 CL = 3), Voltage = 3.3 V, Capacity = 128/256MB, Board height 38 mm or less) ● **External Memory** SmartMedia Card 1 slot = 8/16/32/64/128MB (3.3 V) ● **Display** QVGA LCD, BPM Display: 7 segment 4 character (LED) ● **Connectors** MIX Output (L/Mono, R), Direct 1, 2 Output (L/Mono, R), Input (L/Mono, R), Headphones, MIDI (In, Out), USB Connector, Digital Audio Interface IN/OUT (Optical, Coaxial), AC Inlet ● **Power Consumption** 20W (AC 117/230/240 V) ● **Dimensions** 491 (W) x 386 (D) x 123 (H) mm (19-3/8" x 15-1/4" x 4-7/8") ● **Weight** 6.0 kg (13 lbs. 4 oz.) ● **Accessories** Sample Data Audio CD, Card Protecter ● **Option** Wave Expansion Board: SRX Series

MC-808

COSM V-LINK Editor Software Included

sampling groovebox

- *128-voice polyphony synthesizer engine*
- *8 motorized faders — a groovebox first!*
- *Brand new sounds and patterns*
- *Powerful sampling & sequencing features*
- *Editor software included (PC/Mac) for editing samples, patches, and parts*
- *CompactFlash slot for memory backup*
- *USB for MIDI and storage to import and export AIF/WAV file*
- *16-step pad bank, D Beam controller*

CF CompactFlash USB

Specifications

[Sound Generator] ● **Max. Polyphony** 128 voices (shared with the sampling section) ● **Sampling Frequency** 44.1kHz ● **Parts** 16 (Main) + 16 (RPS) ● **Waves** 622 ● **Patches** User: 1,024 (pre-load: 896), Card: 1,024 ● **Rhythm Set** User: 256 (pre-load: 128), Card: 256 **[Sampling Section]** ● **Data Format** 16-bit linear (File Type WAV/AIFF) ● **Max. Polyphony** shared with the sound generator section ● **Sampling Frequency** 44.1kHz (fixed) ● **Max. Sampling Time** When sampling memory isn't expanded (4MB) mono: 47 sec. approx., stereo: 23.5 sec. approx. When sampling memory is expanded with DIMM (516MB) mono: 102 min. approx., stereo: 51 min. approx. ● **Samples** User: 2,000, Card: 7,000 **[Sequencer Section]** ● **Parts** 16 + Tempo/Mute Control ● **Resolution** 480 ticks per quarter note ● **Tempo** 5 - 300 ● **Max. Note Storage** approx. 1,300,000 notes ● **Patterns** User: 800, Card: 800 ● **Recording Mode** Realtime, TR-REC, Step ● **Songs** 50 ● **Arpeggio Style** 128 ● **Chord Memory** 128 ● **RPS Set** 50 ● **Pattern Set** 50 **[Effects Section]** ● **Reverb** 1 (4 types) ● **Compressor** 1 (1 type) ● **Multi-effects (MFX)** 2 (MFX1, 2: 47 types) ● **Pitch Shifter (for external input)** 1 (1 type) **[Mastering Section]** ● **3-bands Compressor** 1 (1 type) **[Expansion Slot]** ● **Sampling Memory Expansion DIMM** 1 slot, Number of pins: 168-pin, Speed: 100MHz (PC100 CL=2), 133MHz (PC133 CL=3), Voltage: 3.3 V, Capacity: 128MB, 256MB, 512MB, Board height: 38 mm or less ● **External Memory** For saving Pattern/Patch/Sample, CompactFlash card: 1 slot, Compatible up to 1 GB (3.3 V) **[Controllers, Display]** ● **Display** 20x2 character Type LCD (with Back lit.), Pattern Number Display: 7 segment 3 character x 2 (LED), BPM Diplay: 7 segment 4 character (LED) ● **Control Knob** OUTPUT Volume: 1, INPUT Volume: 1 ● **Control Slider** Motorized Fader (60 mm) x 8 (touch sensitive) ● **Other Controller** D Beam Controller ● **Connectors** MIX OUTPUT Jack (L/Mono, R), DIRECT 1 OUTPUT Jack (L/Mono, R), INPUT Jack (L/Mono, R), Headphones Jack, MIDI Connectors (IN/OUT), USB Connector (USB MIDI, Mass Storage Class), DC IN ● **Power Supply** DC 12 V (AC adaptor) ● **Current Draw** 1500 mA ● **Dimensions** 431 (W) x 327(D) x 104 (H) mm (17" x 12-7/8" x 4-1/8") ● **Weight** 3.4 kg (7 lbs. 8 oz.) ● **Accessories** Owner's Manual, Sound & Parameter List, AC Adaptor, CD-ROM (Editor, USB MIDI Driver)

● Option

CB-MC808
Gig Bag for MC-808

Transport your MC-808 in style and safety with the CB-MC808. This rugged gig bag is made specifically for the MC-808, and includes storage space for the power adapter.

● **Dimensions** 540 (W) x 375 (D) x 180 (H) mm (21-5/16" x 14-13/16" x 7-1/8")

SP-606
Sampling Workstation

COSM V-LINK

- *4 x 4 velocity sensitive pads for rhythm programming and phrase audio operation*
- *Enhanced effects, including Isolator, Filter + Drive, Slicer, Reverb, Tape Echo, and a Mastering toolkit*
- *Unique control over performance and playback via D Beam and V-LINK*
- *CompactFlash slot for storing audio samples, and import/export of WAV/AIFF files (up to 512MB capacity)*
- *USB connection allows MIDI data/bulk dump and audio streaming storage capabilities*
- *4-track sequencer with up to 18,000-note capacity, MIDI sequencing, and audio-phrase time stretching*
- *S/PDIF I/O for high-quality recording and track making with digital equipment*
- *P606 contains virtual groovebox software with analog modeling and Acidized file player*

● Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash				
		32MB	64MB	128MB	256MB	512MB
LONG	11 min	24 min.	48 min.	96 min.	193 min.	386 min.
STANDARD	5 min.	12 min.	24 min.	48 min.	96 min.	193 min.

*Including pre-loaded samples.

CF CompactFlash USB

● Cakewalk P606

Specifications

● **Polyphony** 8 **[Sampler Section]** ● **Sampling Mode** STANDARD/LONG ● **Sampling specifications** Sampling Frequency: 44.1kHz, Data Format: SP-606 original format (.WAV/AIFF import/export possible), Internal Memory: Sample 128 (8 Banks) **Including Pre-loaded Sample Banks* Card Memory: Sample 384 (24 Banks) **[Effects Section]** ● **MFX** 45 types x 2 ● **Mastering Effect** 1 **[Sequencer Section]** ● **Mode** Pattern, Song ● **Tracks** 4 ● **Resolution** 96TPQN ● **Song Steps** 999 ● **Songs** 25 ● **Patterns** 140 (Including Pre-loaded Patterns) ● **Max measures per Pattern** 32 ● **Beats** 2/4-32/4 ● **Pattern recording method** Realtime, Step Recording (Note/Sample) ● **Max. Recordable Notes** Approximately 18,000 notes (Approx. 8,000 per Pattern) **[Others]** ● **Display** 128 x 64 dots (Backlit graphic LCD) ● **Controllers** Control Knobs x 3, D Beam ● **Pads** 16 with velocity sensitivity ● **Connectors** Headphone jacks, Output jacks (L(MONO), R), Input jacks (L(MONO)/MIC, R) Foot switch jack, Digital audio interfaces IN/OUT (Coaxial), MIDI connectors IN/OUT, USB connector (compatible with MIDI, audio and mass storage class), AC adaptor jack ● **Dimensions** 358 (W) x 271 (D) x 84 (H) mm (14-1/8" x 10-11/16" x 3-5/16") ● **Weight** 2.3 kg (5 lbs. 2 oz.) ● **Minimal System Requirements for the P606 Software** Microsoft® Windows® 2000/XP, Pentium®-class (Pentium® 4 1.7GHz recommended), 256MB RAM (512MB recommended), Video Resolution XGA (1024 x 768), USB Port, CD-ROM required for installation, 500MB Hard Disk

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

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** The SP-606's file system is developed by Kyoto Software Research, Inc.*
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Kyoto Software Research Fugue

SP-404
Sampler

- *12 large pads, three control knobs, jumbo display, same friendly operation as SP-303*
- *29 effects, including new Subsonic, BPM Looper, and more*
- *Built-in microphone for quick sampling*
- *CD-quality sound*
- *Expanded sampling time*
- *12-voice polyphony*
- *Realtime loop recording*
- *Sample-editing tools*
- *Import/export WAV/AIF via CompactFlash card slot; supports up to 1GB card*
- *Runs on battery or AC power*

● Maximum Sampling Time (mono, approx.)

	Internal Memory*	CompactFlash					
		32MB	64MB	128MB	256MB	512MB	1GB
STANDARD	5 min.	12 min.	24 min.	48 min.	96 min.	193 min.	386 min.
LO-FI	11 min.	24 min.	48 min.	96 min.	193 min.	386 min.	772 min.

*Including pre-loaded samples.

● Option

CB-SP404
Carrying bag for SP-404

CF CompactFlash

Specifications

● **Max. Polyphony** 12 voices ● **Internal Memory** Samples: 24 (12 samples x 2 banks) **Including Pre-loaded Samples* Patterns: 24 (12 patterns x 2 banks) **Including Pre-loaded Patterns* ● **Memory Card (CompactFlash)** Samples: 96 (12 samples x 8 banks), Patterns: 96 (12 patterns x 8 banks) ● **Sampling Frequency** 44.1kHz ● **Data Format** SP-404 original format (WAV/AIFF import/export possible) ● **Sampling Mode** STANDARD, LO-FI ● **Pattern Sequencer** Maximum recordable notes: Internal Memory: Approx. 8,000 notes, **Including Pre-loaded Patterns* Memory Card (CompactFlash): Approx. 8,000 notes, Resolution: 96 ticks per quarter note, Pattern Length: 1 – 99 measures, Recording method: Realtime Loop Recording (with quantize function) ● **Effects** 29 types ● **Signal Processing** AD Conversion: 24-bits, DA Conversion: 24-bits ● **Display** 7 segments, 3 characters (LED) ● **Onboard Mic** Mono x 1 ● **Connectors** LINE INPUT Jacks (L, R) (RCA phono type), LINE OUTPUT Jacks (L, R) (RCA phono type), Headphones (PHONES) Jack (Stereo 1/4" phone type), MIC Jack (1/4" phone type), MIDI IN Connector, AC Adaptor Jack, Memory Card Slot (CompactFlash) ● **Power Supply** DC 9 V (Dry battery LR6 (AA) type x 6 or AC Adaptor) ● **Expected battery life under continuous use:** Alkaline: 6 hours **These figures will vary depending on the actual conditions of use.* ● **Current Draw** 300 mA ● **Dimensions** 177.6 (W) x 256.7 (D) x 72.1 (H) mm (7" x 10-1/8" x 2-7/8") ● **Weight** 1.3 kg (2 lbs. 14 oz.) (excl. batteries) ● **Accessories** AC Adaptor, Owner's Manual ● **Option** Carring Bag: CB-SP404

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

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Kyoto Software Research Fugue

V-Pro® Series

V-Drums®

■ Components

• TD-20K-BK (black)

TD-20	Percussion Sound Module x 1
PD-125BK	V-Pad x 3
PD-105BK	V-Pad x 2
VH-12	V-Hi-Hat x 1
CY-14C	V-Cymbal Crash x 2
CY-15R	V-Cymbal Ride x 1
KD-120BK	V-Kick Trigger Pad x 1
• MDS-20BK	Drum Stand x 1

• TD-20K-WT (white)

TD-20	Percussion Sound Module x 1
PD-125WT	V-Pad x 3
PD-105WT	V-Pad x 2
VH-12	V-Hi-Hat x 1
CY-14C	V-Cymbal Crash x 2
CY-15R	V-Cymbal Ride x 1
KD-120WT	V-Kick Trigger Pad x 1
• MDS-20BK	Drum Stand x 1

■ TD-20K-WT

*Drum stand, snare stand, hi-hat stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.
*V-Drums technology for use under one more of U.S. Pat. No. 5,920,026 / 6,121,538 / 6,271,458 / 6,756,535 / 6,921,857 U.S. Patent Pending

V-Stage® Series

V-Drums®

■ Components

• TD-12K-BK (black)

TD-12	Percussion Sound Module x 1
PD-105BK	V-Pad x 1
PD-85BK	V-Pad x 3
VH-11	V-Hi-Hat x 1
CY-12R/C	V-Cymbal Ride/Crash x 2
KD-85BK	V-Kick Trigger Pad x 1
• MDS-12BK	Drum Stand x 1

• TD-12K-WT (white)

TD-12	Percussion Sound Module x 1
PD-105WT	V-Pad x 1
PD-85WT	V-Pad x 3
VH-11	V-Hi-Hat x 1
CY-12R/C	V-Cymbal Ride/Crash x 2
KD-85WT	V-Kick Trigger Pad x 1
• MDS-12BK	Drum Stand x 1

■ TD-12K-BK

*Drum stand, hi-hat stand, and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes.
*V-Drums technology for use under one more of U.S. Pat. No. 5,920,026 / 6,121,538 / 6,271,458 / 6,756,535 / 6,921,857 U.S. Patent Pending

V-Tour® Series

V-Drums®

■ Components

• TD-6KX NEW

TD-6V	Percussion Sound Module x 1
PD-105BK	V-Pad (for Snare) x 1
PD-85BK	V-Pad x 3
CY-12R/C	V-Cymbal Ride/Crash x 1
CY-8	Dual-Trigger Cymbal Pad x 1
CY-5	Dual-Trigger Cymbal Pad (for Hi-Hat) x 1
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-6C	Drum Stand x 1

*The TD-6KX does not support rim triggering on the PD-85BK (toms) or 3-way triggering on CY-12R/C (ride).

• TD-6KW

TD-6V	Percussion Sound Module x 1
PDX-8	V-Pad (for Snare) x 1
PD-8	Dual-Trigger Pad x 3
CY-5	Dual-Trigger Cymbal Pad (for Hi-Hat) x 1
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-6C	Drum Stand x 1

■ TD-6KW

■ TD-6KX

*Drum stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

V-Compact® Series

V-Drums®

■ Components

• TD-3KW

TD-3	Percussion Sound Module x 1
PDX-8	V-Pad (for Snare) x 1
PD-8	Dual-Trigger Pad x 3
CY-5	Dual-Trigger Cymbal Pad (for Hi-Hat) x 1
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-3C	Drum Stand x 1

• TD-3Kit

TD-3	Percussion Sound Module x 1
PD-8	Dual-Trigger Pad x 4
CY-8	Dual-Trigger Cymbal Pad x 2
KD-8	Kick Trigger Pad x 1
FD-8	Hi-Hat Control Pedal x 1
• MDS-3C	Drum Stand x 1

■ TD-3Kit

■ TD-3KW

*Drum stand and kick pedal not included and shown only for photography purposes.
*Connection cables are partially hidden for photography purposes

TD-20
Percussion Sound Module

COSM V-LINK V-Drums®

- *Over 500 new sounds, improved dynamics and sensitivity*
- *CompactFlash storage slot*
- *15 dual-trigger inputs, 10 audio outputs, digital output, 8 group faders, built-in sequencer*
- *All-new V-Editing includes modeled snare buzz, kick beater selection, and greater cymbal customizing (e.g. size, "sizzle," mic positions)*
- *Expansion slot for future upgrades and enhancements*
- *V-LINK control (requires optional Edirol DV-7PR with software version 1.50 or higher)*

CompactFlash

Specifications

● **Sound Generator** Variable Drum Modeling ● **Max. Polyphony** 64 voices ● **Instruments** Drum Instruments: 560 (1,300,021 variations), Backing Instruments: 262 ● **Drum Kits** 50 ● **Drum Kit Chains** 16 chains (32 steps per chain) ● **Instrument Parameters** V-EDIT (KICK): Shell Depth, Beater Type, Head Tuning, Muffling, Snare Buzz, Mic Position, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling ,Strainer Adjustment, Mic Position, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Mufing, Snare Buzz, Mic Position, V-EDIT (HI-HAT): Cymbal Size, Add Tambourine, Mic Position, Fixed Hi-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, Mic Position, EDIT: Pitch, Decay ● **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape ● **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign ● **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects, Master Compressor, Master Equalizer, Reverb/Chorus (for backing part) ● **Percussion Groups** 8 ● **Sequencer** User Patterns: 100, Parts: 6, Play Functions: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Real-time, Maximum Note Storage: approx. 20,000 Notes, Click Instruments: 20 ● **Display** 64 x 240 dots (backlit graphic LCD), 8 segments, 3 characters (LED), Trigger Level Indicator (LED) ● **Faders** 8 ● **Preview Button** Touch Sensitive ● **Connectors** Trigger Input Jacks x 15, Hi-Hat Control Jack (VH-12, FD-7/8), Master Output Jacks (L(MONO), R), Direct Output Jacks x 8, Digital Output Jack (S/PDIF COAXIAL), Phones Jack (Stereo 1/4" phone type), Mix in Jack (Stereo 1/4" phone type), MIDI Connectors (IN, OUT/THRU), Foot Switch Jack (1/4" TRS phone type), CompactFlash Card Slot ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC 117/230/240 V ● **Current Draw** 16W ● **Dimensions** 307 (W) x 256 (D) x 105 (H) mm (12-1/8" x 10-1/8" x 4-3/16") ● **Weight** 2.9 kg (6 lbs. 7 oz.) ● **Accessories** Owner's Manual, Power Cablea

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

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Kyoto Software Research

Fugue

TD-12
Percussion Sound Module

COSM V-LINK V-Drums®

- *COSM®-modeling drum module with ultra-intuitive operation via large LCD*
- *Same great sound quality as top-of-the-line TD-20*
- *Unbeatable Sounds with expressive acoustic kits, fun tap-sequence kits, and plenty of jam-along patterns*
- *Unrivaled V-Editing including drum material modeling and size selection*

Specifications

● **Sound Generator** Variable Drum Modeling ● **Max. Polyphony** 64 Voices ● **Instruments** Drum Instruments: 560 (172,161 variations), Backing Instruments: 262 ● **Drum Kits** 50 ● **Drum Kit Chains** 16 chains (32 steps per chain) ● **Instrument Parameters** V-EDIT (KICK): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (SNARE): Shell Material, Shell Depth, Head Type, Head Tuning, Muffling, Strainer Adjustment, V-EDIT (TOM): Shell Depth, Head Type, Head Tuning, Muffling, Snare Buzz, V-EDIT (HI-HAT): Cymbal Size, Fixed Hi-Hat, V-EDIT (CYMBAL): Cymbal Size, Sizzle Type, Sustain, EDIT: Pitch, Decay ● **Ambience Parameters** Room Type, Room Size, Wall Type, Mic Position, Room Shape ● **Mixer Parameters** Volume, Pan, Minimum Volume, Output Assign ● **Effect Types** Pad Equalizer (each pad), Pad Compressor (each pad), Multi-Effects: 5 types, Reverb (for backing part) ● **Percussion Sets** 8 ● **Sequencer** User Patterns: 100, Preset Patterns: 150, Parts: 6, Play Types: Oneshot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime, Maximum Note Storage: approx. 20,000 notes, Click Sounds: 20 types ● **Metronome Parameters** Time signature, Interval, Volume, Output select (Master and Phones/Phones only) Click Instruments=20 (Voice counting, Click, Cowbell, etc.) ● **Tempo** 20—260 ● **Display** 64 x 240 dots (backlit graphic LCD), 7 segments, 3 characters (LED), Trigger Indicator (LED) ● **Controllers** Faders: 6, Preview Button: (velocity: 3 steps) ● **Connectors** Trigger Input Jack x 12, Hi-Hat Control Jack (for VH-12, VH-11 and FD-8), Master Output Jacks (L/MONO, R): 1/4" phone type, Direct Output Jacks (1, 2): 1/4" phone type, Headphones Jack: Stereo 1/4" phone type, Mix in Jack: Stereo 1/4" phone type, MIDI Connectors (IN, OUT/THRU), AC Inlet ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC 115/117/220/ 230/240 V (50/60 Hz) ● **Power Consumption** 13W ● **Dimensions** 260 (W) x 248 (D) x 108 (H) mm (10-1/4" x 9-13/16" x 4-1/4") ● **Weight** 2.6 kg (5 lbs. 12 oz.) ● **Accessories** Owner's Manual, Power Cord

TD-6V
Percussion Sound Module

V-Drums®

- *1,024 of Roland's best drum and percussion sounds, 262 backing instruments, and newly created drum kits and patterns*
- *Dual-trigger tom inputs allow for rimshots on toms*
- *Create and store custom drum kits, or add EQ and ambience effects to beef up the sound.*
- *6-part sequencer that's great for jamming and practice*

GENERAL MIDI

Specifications

● **Max. Polyphony** 64 Voices ● **Instruments** Drum Instruments: 1,024, Backing Instruments: 262 ● **Drum Kits** 99 ● **Effect Types** Ambience, 2-Band Master Equalizer ● **Sequencer** Preset Songs: 170, User Songs: 100, Parts: 6, Play Functions: One shot, Loop, Tap, Tempo: 20—260, Resolution: 192 ticks per quarter note, Recording Method: Realtime Recording, Maximum Note Storage: approx. 12,000 Notes ● **Display** 20 characters, 2 lines (backlit LCD) ● **Connectors** Trigger Input Jacks: 9 (11 Inputs), Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo miniature phone type), Mix in Jack (stereo miniature phone type), MIDI Connectors (IN, OUT/THRU) ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC Adaptor (DC 9 V) ● **Current Draw** 1,000 mA ● **Dimensions** 266 (W) x 199 (D) x 75 (H) mm (10-1/2" x 7-7/8" x 3") ● **Weight** 1.1 kg (2 lbs. 7 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screws (M5 x 8) x 4

TD-3
Percussion Sound Module

V-Drums®

- *114 new drum and percussion sounds, 32 kits*
- *Separate head/rim triggering on the snare, bow/edge triggering on the hi-hat*
- *Nine trigger inputs*
- *Stereo Mix input for playing along with external audio sources*
- *Rhythm Coach training feature*
- *MIDI in and out*

Specifications

● **Instruments** Drum Instruments: 114, Click Instruments: 10 ● **Drum Kits** 32 ● **Effect** Ambience (15 types) ● **Click Tempo** 20—260 ● **Coach Mode** Menu: 7, Variation: 20 ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Trigger Input Jack x 9, Hi-Hat Control Jack, Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo miniature phone type), MIDI Connectors (IN, OUT) ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC Adaptor (DC 9 V) ● **Current Draw** 1,000 mA ● **Dimensions** 220 (W) x 144 (D) x 59.5 (H) mm (8-11/16" x 5-11/16" x 2-3/8") ● **Weight** 550 g (1 lb. 4 oz.) (excl. AC Adaptor) ● **Accessories** Owner's Manual, AC Adaptor (ACI/ACB Series), Screws (M5 x 8) x 4

PD-125BK/WT
PD-105BK/WT
V-Pads™

■ PD-125WT ■ PD-105WT

Specifications

[PD-125 (12")] ● **Trigger** 2 (Head, Rim) ● **Dimensions** 330 (W) x 420 (D) x 112 (H) mm (13" x 16-9/16" x 4-7/16") ● **Weights** 2.8 kg (6 lbs. 3 oz.) ● **Accessories** Owner's manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-12)
[PD-105 (10")] ● **Trigger** 2 (Head, Rim) ● **Dimensions** 280 (W) x 360 (D) x 112 (H) mm (11-1/16" x 14-3/16" x 4-7/16") ● **Weights** 2.3 kg (5 lbs. 2 oz.) ● **Accessories** Owner's manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-10)

PD-85BK/WT
V-Pads™

■ PD-85BK

Specifications

● **Pad size** 8" ● **Triggers** 2 (Head, Rim) ● **Dimensions** 245 (W) x 310 (D) x 95 (H) mm (9-11/16" x 12-1/4" x 3-3/4") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key ● **Option** Mesh Head (MH-8)

PDX-8
V-Pads™

Specifications

● **Head Size** 8" ● **Triggers** 2 (Head, Rim) ● **Dimensions** 266 (W) x 326 (D) x 62 (H) mm (10-1/2" x 12-7/8" x 2-1/2") ● **Weight** 1.3 kg (2 lbs 14 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key ● **Options** Mesh Head (MH-8), Pad Mount (MDH-10U), Drum Stands (MDS-3C, MDS-6C, MDS-12, MDS-20)

MH-12/10/8
Replacement Mesh Heads

These replacement mesh heads (developed in partnership with REMO® USA) are designed to perfectly fit Roland's full range of V-Pads.

**Available as replacement parts.*

■ MH-12 ■ MH-10 ■ MH-8

KD-120BK/WT
V-Kick™ Trigger Pads

■ KD-120WT

** Kick Pedal not included.*

Specifications

● **Pad Size** 12" ● **Dimensions** 490 (W) x 400 (D) x 500 (H) mm (19-5/16" x 15-3/4" x 19-11/16") ● **Weight** 7.7 kg (17 lbs.) ● **Accessories** Owner's Manual, Connection Cable, Beater, Tuning Key ● **Option** Mesh Head (MH-12)

KD-85BK/WT
V-Kick™ Trigger Pads

■ KD-85BK

** Kick Pedal not included.*

Specifications

● **Pad size** 8" ● **Dimensions** 340 (W) x 440 (D) x 465 (H) mm (13-7/16" x 17-3/8" x 18-5/16") ● **Weight** 4.8 kg (10 lbs. 10 oz.) ● **Accessories** Owner's Manual, Connection Cable, Beater, Tuning Key ● **Option** Mesh Head (MH-8)

VH-12
V-Hi-Hat®

- *Two cymbals for full motion capability and natural feel*
- *Mounts on any standard acoustic hi-hat stand*
- *Ultra-expressive response, from open to closed*
- *Pressure sensitive, even with cymbals closed*

** Hi-hat stand not included.*
** Work with the TD-20/12's enhanced dynamics.*

Specifications

● **Size** 12" ● **Trigger** 2 (Bow/Edge) ● **Connectors** TRIGGER OUTPUT Jack, CONTROL OUTPUT Jack ● **Dimensions** 314 mm (W) x 314 mm (D) x 89 mm (H) (12-3/8" x 12-3/8" x 3-9/16") ● **Weight** 1.9 kg (4 lbs. 4 oz.) ● **Accessories** Clutch, Clamp, Holder (3 types), Link Cable, Connection Cable x 2, Tuning Key, Cable Tie

VH-11
V-Hi-Hat®

- *Great full-motion, acoustic hi-hat feel*
- *Floating design uses less components for a quieter performance*
- *Dual-trigger capability*
- *Uses acoustic hi-hat stand*

** Hi-hat stand not included.*

Specifications

● **Size** 12" ● **Trigger** 2 (Bow/Edge) ● **Connectors** TRIGGER OUTPUT Jack, CONTROL OUTPUT Jack ● **Dimensions** 314 (W) x 314 (D) x 154 (H) mm (12-3/8" x 12-3/8" x 6-1/16") ● **Weight** 1.7 kg (3 lbs. 12 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key, Cable Tie, Insulating Plate

CY-12R/C
V-Cymbals® Ride/Crash

Compact, Three-Way Trigger Cymbal

Specifications

CY-12R/C (Ride/Crash) ● **Size** 12" ● **Trigger** 3 (Bow/Bell/Edge)* ● **Connectors** BOW/BELL Output Jack, BOW/EDGE Output Jack ● **Dimensions** 300 (W) x 300 (D) x 51 (H) mm (11-13/16" x 11-13/16" x 2-1/16") ● **Weight** 1.1 kg (2 lbs. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Wing Nut, Felt Washer, Stopper, Cable Tie

CY-14C
V-Cymbals® Crash

This Crash Cymbal Really Swings!

Specifications

CY-14C (Crash) ● **Size** 14" ● **Trigger** 2 (Bow/Edge) ● **Connector** BOW/EDGE Output Jack ● **Dimensions** 352 (W) x 352 (D) x 48 (H) mm (13-7/8" x 13-7/8" x 1-15/16") ● **Weight** 1.4 kg (3 lbs. 2 oz.) ● **Accessories** Owner's Manual, Wing Nut, Felt Washer, Stopper, Connection Cable, Cable Tie

CY-15R
V-Cymbals® Ride

Natural, Three-Way Triggering and Swinging Motion

Specifications

CY-15R (Ride) ● **Size** 15" ● **Trigger** 3 (Bow/Bell/Edge)* ● **Connectors** BOW/BELL Output Jack, BOW/EDGE Output Jack ● **Dimensions** 376 (W) x 376 (D) x 50 (H) mm (14-13/16" x 14-13/16" x 2") ● **Weight** 1.6 kg (3 lbs. 9 oz.) ● **Accessories** Owner's Manual, Wing Nut, Felt Washer, Stopper, Connection Cable x 2, Cable Tie

** The TD-20, TD-12 or TD-10 + TDW-1 is required for three-way triggering.*

CY-8
Dual-Trigger Cymbal Pad

Specifications

● **Size** 12" ● **Triggers** 2 (Bow, Edge) ● **Dimensions** 290 (W) x 295 (D) x 45 (H) mm (11-7/16" x 11-5/8" x 1-7/8" ● **Weight** 650 g (1 lb. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Wing Nut, Felt Washer, Stopper ● **Options** Cymbal Mounts (MDY-10), Drum Stands (MDS-3C, MDS-20)

CY-5
Dual-Trigger Cymbal Pad

Specifications

● **Size** 10" ● **Triggers** 2 (Bow, Edge) ● **Dimensions** 246 (W) x 246 (D) x 45 (H) mm (9-11/16" x 9-11/16" x 1-13/16") ● **Weight** 380 g (14 oz.) (without attachment) ● **Accessories** Owner's Manual, Connection Cable, Drum Key, Attachment Set for Cymbal, Wing Nut, Felt Washer, Stopper, Attachment Set for Hi-hat, Upper Clutch, Lower Clutch, Clutch Felt (L), Clutch Felt (S), Cable Tie ● **Options** Cymbal Mount (MDY-10U), Drum Stands (MDS-3C, MDS-6C, MDS-12, MDS-20)

PD-8
Dual-Trigger Cymbal Pad

Specifications

● **Size** 8.5" ● **Trigger** 2 (Head, Rim) ● **Dimensions** 226 (W) x 280 (D) x 54 (H) mm (8-15/16" x 11-1/16" x 2-1/8") ● **Weight** 1.2 kg (2 lbs. 11 oz.) ● **Accessories** Owner's Manual, Connection Cable ● **Options** Pad Mounts (MDH-10), Drum Stands (MDS-3C, MDS-20)

KD-8
Kick Trigger Pad

** Kick Pedal and Beater not included.*

Specifications

● **Dimensions** 272 (W) x 260 (D) x 405 (H) mm (10-3/4" x 10-1/4" x 16") ● **Weight** 2.9 kg (6 lbs. 7 oz.) ● **Accessories** Owner's Manual, Connection Cable, Screws

KD-7
Kick Trigger Unit

Specifications

● **Dimensions** 172 (W) x 112 (D) x 100 (H) mm (6-13/16" x 4-7/16" x 3-15/16") ● **Weight** (incl. beater) 1.4 kg (3 lbs. 2 oz.) ● **Accessories** Owner's Manual, Beater, Connection Cable

FD-8
Hi-Hat Controller

Specifications

● **Control Out Jack** 1 ● **Dimensions** 130 (W) x 396 (D) x 103 (H) mm (5-1/8" x 15-5/8" x 4-1/16") ● **Weight** 1.3 kg (2 lbs. 14 oz.) ● **Accessories** Owner's Manual, Connection Cable, Tuning Key

DAP-3
V-Drums® Accessory Package

■ **Components**

- *Kick Pedal*
- *Drum Throne*
- *Drum Stick*

MDS-20BK
Drum Stand

■ **Components**

- *Drum Stand x 1*
- *Pad Mount x 4*
- *Cymbal Mount x 3*
- *Module Mount x 1*

● **Quick-release cam lever**

● **T-fitting**

MDS-12BK
Drum Stand

■ **Components**

- *Drum Stand x 1*
- *Pad Mount x 4*
- *Cymbal Mount x 2*
- *Module Mount x 1*

MDS-6C
Drum Stand

■ **Components**

- *Drum Stand x 1*
- *Pad Mount x 5*
- *Cymbal Mount x 2*
- *Module Mount x 1*

MDS-3C
Drum Stand

■ **Components**

- *Drum Stand x 1*
- *Pad Mount x 5*
- *Cymbal Mount x 2*
- *Module Mount x 1*

MDH-10U
Pad Mount

MDY-10U
Cymbal Mount

TDM-20/TDM-10
V-Drums® Mat

■ TDM-20

■ TDM-10

- *3-layer structure with nylon filament, felt, and soft urethane resin for noise reduction and shock absorption*
- *Excellent match with Velcro tape to hold the kick-trigger pad or kick pedal on the mat*
- *Non-flammable materials*

Specifications

<TDM-20> ● **Dimensions** 1,600 (W) x 1,500 (D) x 8 (H) mm (63" x 59-1/16" x -3/8") ● **Weight** 3.0 kg (6 lbs. 10 oz.)
<TDM-10> ● **Dimensions** 1,200 (W) x 1,300 (D) x 8 (H) mm (47-1/4" x 51-3/16" x -3/8") ● **Weight** 2.1 kg (4 lbs. 11 oz.)

HANDSONIC® 10
HPD-10
Hand Percussion Pad

- *All-new sounds (410)*
- *Style Guide Metronome (new metronome function with backing rhythm patterns)*
- *10 individual pads with pressure sensing*
- *Large icon-driven LCD*
- *D Beam controller for sound/pitch/effects control*
- *20 multi-effects*
- *Rhythm Coach function*

Specifications

● **Pad** 10 inches, 10 sections, Pressure-Sensitive ● **Instruments** 410 ● **Percussion Kits** 64 ● **Effect** Ambience (5 types), Multi-Effects (20 types) ● **Style Guide Metronome** 86 patterns ● **Tempo** 40-200 ● **Coach Mode** QUIET COUNT, RHYTHM CHECK, TIME CHECK, PAD FOLLOW, AUTO UP/DOWN, TAP TEMPO ● **Controllers** D Beam Controller, Control knob ● **Display** Icon-driven Backlit LCD ● **Connectors** Output Jacks (L/MONO, R), Phones Jack (stereo phone type), Mix In Jack (stereo phone type), Trigger Input/Foot Sw Jack (Dual), MIDI Connectors (IN, OUT) ● **Output Impedance** 1.0 kΩ ● **Power Supply** AC Adaptor (DC 9V) ● **Current Draw** 350 mA ● **Dimensions** 323 (W) x 427 (D) x 75 (H) mm (12-3/4" x 16-13/16" x 3") ● **Weight** (excl. AC Adaptor) 2.9 kg (6 lbs. 7 oz.) ● **Accessories** Owner's Manual, AC Adaptor (ACI/PSB-1U Series), Screw (M5 x 12) x 4 (for Mounting Plate), Label Sticker ● **Options** Pad Stand (PDS-10), Carrying Bag (CB-HPD-10), Foot Switch (BOSS: FS-5U, FS-6), Pedal Switch (DP-2), Kick Trigger (KD-7, KD-8, etc.), Pad (PD-8, PD-85BK/WT, etc.), Cymbal (CY-8, etc.), Connection Cable (PCS-31L)

● **Option**

CB-HPD-10
Gig Bag for HPD/SPD series

Can conveniently house a Roland HandSonic® or SPD-series instrument along with its mounting plate, plus a pad stand (e.g., PDS-10), AC adaptor, and headphones.

HANDSONIC® 15
HPD-15
Hand Percussion Pad

- *Electronic hand percussion multi-pad with triggering based on V-Drums® technology*
- *10" rubber pad with 15 parts for triggering up to 15 sounds simultaneously*
- *Built-in pressure sensor allows for realistic muting and pitch control of sounds*
- *Main pad supports Positional Sensing for creating timbre changes depending on area of pad hit*
- *600 onboard percussion sounds from Latin countries, Asia, India, and more*
- *Powerful realtime controllers including a D Beam, dual ribbon controllers, and three control knobs*
- *Built-in sequencer with Preset patterns and metronome function*
- *MIDI In/Out for use with sequencers or as a dynamic MIDI controller*
- *Dual-trigger input and hi-hat control jack*

Specifications

● **Max. Polyphony** 64 ● **Instruments** Pad Instruments: 600, Backing Instruments: 54 ● **Preset Patches** 160 ● **User Patches** 80 ● **Patch Chains** 10 chains (32 steps per chain) ● **Effect Types** Reverb, Multi-Effects ● **Sequencer** Preset Patterns: 99, User Patterns: Max. 99, Tracks: 4, Play Functions: OneShot, Loop, Tap, Resolution: 96 ticks per quarter note ● **Recording Method** Realtime ● **Tempo** 20-240 bpm ● **Pad** 10", 15 sections, Pressure-sensitive ● **Connectors** Output (L/Mono, R), Phones (stereo), Mix In (stereo), Expression Pedal/Hi-Hat Control, Trigger Input (Dual), Foot Switch (Dual), MIDI (In, Out/Thru) ● **Power Supply** AC Adaptor (DC 9 V) ● **Dimensions** 406 (W) x 405 (D) x 98 (H) mm (16" x 16" x 3-7/8") ● **Weight** (excl. AC Adaptor) 2.9 kg (6 lbs. 7 oz.) ● **Accessories** AC Adaptor (ACI/ACB Series), Scale Label

SPD-S
Sampling Pad

- *Compact electronic percussion multi-pad/sound module with CD-quality sampling*
- *Play 8 sounds simultaneously via 6 pads and 3 edge triggers*
- *Approx. 12 minutes of 44.1kHz sampling (3 minutes in Fine mode)*
- *399 User waveforms and 181 "ready-to-play" waveforms pre-loaded into User memory*
- *Onboard pattern sequencer and resampling function*
- *30 multi-effects and ambience add dimension to sounds*
- *Import and export WAV/AIFF files with your Mac or PC using optional CompactFlash cards*

CF CompactFlash

Specifications

● **Max. Polyphony** 8 ● **Built-in Pads** 9 ● **Sampling Mode** Fine/Standard/Long ● **Sampling Rate** 44.1kHz ● **Patches** 128 ● **Waves** Internal (User): 399 (Pre-loaded Sound 181), Card: 500 ● **Max. Sampling Time** 12 min. approx. (Internal Memory/Long Mode/when in mono) ● **Effects** Multi-Effects (30 types) + Ambience (System) ● **Display** 16-characters, 1 line (backlit LCD) ● **Connectors** Output (L/Mono, R) (1/4" phone type), Input (L/Mono, R) (1/4" phone type) *LINE/MIC selectable, Headphones (Stereo) (Stereo 1/4"phone type), Trigger Input (1/4" TRS phone type), Expression Pedal (1/4" TRS phone type), MIDI (In, Out), Foot Switch (1/4" TRS phone type), CompactFlash Card Slot ● **Power Supply** DC 9 V: AC Adaptor ● **Dimensions** 342 (W) x 282 (D) x 83 (H) mm (13-1/2" x 11-1/8" x 3-5/16") ● **Weight** (excl. AC Adaptor) 2.1 kg (4 lbs. 11 oz.) ● **Accessories** AC Adaptor (ACI-120C/ACI-230C/ACB-230E/ACB-240A), Sampling CD, Slit Tape, Security Screw x 2, Hexagon Wrench ● **Options** Pads (PD-125/105/85/8, KD-120/85/8/7), Expression Pedal (EV-5), Foot Switch (FS-5U), Hi-Hat Control Pedal (FD-8), Connection Cable (PCS-31L), All Purpose Clamp Set (APC-33)

** Please contact your authorized Roland dealer regarding compatibility of CompactFlash media.*

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Kyoto Software Research

Fugue

SPD-20
Total Percussion Pad

- *Compact electronic percussion multi-pad/sound module with 700 high-quality drum and percussion sounds*
- *Broad selection of ethnic/world percussion instruments*
- *8 velocity-sensitive pads for expressive triggering and MIDI output*
- *Built-in selectable multi-effects algorithms*
- *Four dual-trigger inputs for triggering SPD-20 sounds from external pads*
- *Can be connected directly to acoustic drum triggers via four drum trigger inputs*

Specifications

● **Max. Polyphony** 14 ● **Number of Instruments** 700 ● **Internal Memory** 99 Patches, 8 Patch Chains ● **Effects** Reverb, Delay, Chorus, Flanger (combined in 25 types) ● **Sound Parameters** Instrument, Level, Pitch, Decay, Pan, Curve, Effect Send Level ● **Display** 7-segment. 3-character LED ● **Connectors** Output (L/Mono, R), Phones (Stereo), External Trigger Input* x 3 (Dual), Hi-Hat Control/Trigger4 Input* (Dual), MIDI (In, Out), Footswitch (Dual), AC In **Trigger inputs 1 and 2 accept rim shots from the FD-8, 85, 105, and 125 while inputs 3 and 4 accept rim shots from the PD-8.* ● **Power Supply** AC Adaptor (AC 12 V) ● **Current Draw** 420 mA ● **Dimensions** 450 (W) x 350 (D) x 70 (H) mm (17-3/4" x 13-13/16" x 2-13/16") ● **Weight** (excl. AC Adaptor) 2.8 kg (6 lbs. 3 oz.) ● **Accessories** AC Adaptor (BRA Series), Slit Tape

RT-10K/RT-10S/RT-10T
Acoustic Drum Triggers

Newly Improved Triggers for Kick, Snare, and Toms

With acoustic-drum triggering more popular now than ever, Roland has responded to requests from the market and created these new-generation triggers: the RT-10K (for kick drums), RT-10S (for snare drums), and RT-10T (for toms). Physically smaller than their predecessors, the new RT-10 series triggers are easier to position. Best of all, they feature new trigger-sensing technology for improved response.

■ **RT-10K** Kick Trigger

Specifications

● **Triggers** 1 (Head) ● **Connector** Trigger Output Jack (1/4" Phone Type) ● **Dimensions** approx. 40 (W) x 110 (D) x 70 (H) mm (1-5/8" x 4-3/8" x 2-13/16") ● **Weight** 90 g (4 oz.) ● **Accessories** Connection Cable, Hoop Guard ● **Guide for Installation** Rim Height : 30 to 36 mm / 1-3/16 to 1-7/16", Rim Thickness (Max.) : 13 mm / 9/16"

■ **RT-10S** Snare Trigger

Specifications

● **Triggers** 2 (Head, Rim) ● **Connector** Trigger Output Jack (Stereo 1/4" Phone Type) ● **Dimensions** approx. 40 (W) x 110 (D) x 50 (H) mm (1-5/8" x 4-3/8" x 2") ● **Weight** 80 g (3 oz.) ● **Accessories** Connection Cable ● **Guide for Installation** Rim Height : 11 to 15 mm / 7/16 to 5/8"

■ **RT-10T** Tom Trigger

Specifications

● **Triggers** 1 (Head) ● **Connector** Trigger Output Jack (1/4" Phone Type) ● **Dimensions** approx. 40 (W) x 110 (D) x 50 (H) mm (1-5/8" x 4-3/8" x 2") ● **Weight** 80 g (3 oz.) ● **Accessories** Connection Cable ● **Guide for Installation** Rim Height: 11 to 15 mm / 7/16 to 5/8"

TMC-6
Trigger MIDI Converter

- *Affordable trigger-to-MIDI converter for use with acoustic sets or V-Drums®*
- *6 Trigger inputs compatible with all Roland drum pads or acoustic drum triggers*
- *Uses V-Drums triggering technology for reliable and ultra-fast triggering*
- *Supports separate head/rim shot triggering of PD-125/105/85 V-Pads™*
- *Supports 3-way triggering capabilities of CY-15R and CY-12R/C V-Cymbals®*
- *Works with FD-8 Hi-Hat Control Pedal*
- *Trigger chase On/Off function; 12 User memories for storing settings*
- *Can be mounted on a conventional drum stand*

Specifications

● **Number of Memories** 12 ● **Display** 7 segments, 3 characters (LED) ● **Connectors** Trigger Input Jacks x 6 (7 Inputs), MIDI Out, AC Adaptor ● **Power Supply** AC Adaptor (DC 9 V) ● **Dimensions** 218 (W) x 127 (D) x 58 (H) mm (8-5/8" x 5" x 2-5/16") ● **Weight** (excl. AC Adaptor) 850 g (1 lbs. 14 oz.) ● **Accessories** AC Adaptor (ACI/ACB Series), Stand Holder, Screws (M5 x 12 mm) x 4 ● **Options** Connection Cable (PCS-31L), Foot Switch (FS-5U, DP-2), All Purpose Clamp (APC-33)

PDS-15
Pad Stand

Slant-type stand designed exclusively for hand percussion instruments like the HPD-15.

**Includes mounting clamp*

PDS-10
Pad Stand

The PDS-10 is the successor to the PDS-15, and features a newly improved angle clamp that provides 200 degrees of tilt. The stand is designed to be used with Roland's HPD- and SPD-series instruments, which include the HPD-15, HPD-10, SPD-20, and SPD-S.

APC-33
All Purpose Clamp for SPD/HPD

The APC-33 lets SPD-S, SPD-20, HPD-15, and HPD-10 owners mount their instruments to a variety of commercially available drum hardware and stands.

RMP-5
Rhythm Coach

- *PCM sound engine with 54 sounds onboard*
- *External dual-trigger input for adding an optional kick and cymbal pad*
- *Variety of metronome sounds and patterns (samba, jazz, etc.)*
- *Convenient one-piece design*
- *Large LCD screen*
- *Patented mesh head technology for a great acoustic feel*
- *Advanced Rhythm Coach exercises, featuring Stroke Balance and Time Check*
- *Mix input for playing along with CD players or other audio devices*

** With an optional kick and a cymbal pad connected to the RMP-5, you can bulid your own custom drum kit by assigning which internal sound you'd like to play on each pad.*

Specifications

● **Pad Size** 8" ● **Pad Sounds** 54 types ● **Tempo** 20 – 300 ● **Click Sounds** 15 types ● **Rhythm Types** 24 types ● **Patterns** 22 types ● **Beat** 24 types ● **Rhythm Coach Functions** TIME CHECK (8 variations), ACCURACY SCORE (4 variations), QUIET COUNT (6 variations), AUTO UP/DOWN (6 variations), RHYTHMIC NOTES (3 variations), STROKE BALANCE (2 variations) ● **Connectors** PHONES/OUTPUT Jack: 1 (Stereo miniature phone type), AC Adaptor Jack, MIX IN Jack: 1 (Miniature phone type), EXT TRIG IN Jack: 1 (Dual), **Using the PCS-31L, you can connect two pads. In that case, the rim shot, edge shot, and choking features are unavailable.* ● **Power Supply** DC 9 V: Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor ● **Current Draw** 80 mA **Expected battery life under continuous use: Carbon: 1 hour, Alkaline: 4 hours, These figures will vary depending on the actual conditions of use.* ● **Stand Screw Size** M8 ● **Dimensions** 263 (W) x 348 (D) x 78 (H) mm (10-3/8" x 13-3/4" x 3-1/8") ● **Weight** 1.3 kg (2 lbs. 14 oz.) (incl. battery) ● **Accessories** Dry Battery 6LR61/1604A (9 V) type (alkaline), Tuning Key, Owner's Manual ● **Options** AC Adaptor: BOSS PSA series, Pad Stand: PDS-2, Pad Cable: PCS-31L, Pads (PD-8, PD-85BK/WT, PD-105BK/WT, PD-125BK/WT), Cymbals (CY-8, CY-12R/C, CY-14C, CY-15R), Kick Triggers (KD-8, KD-7, KD-85BK/WT, KD-120BK/WT), Drum Triggers (RT-10T, RT-10S, RT-10K), Pad Stand (PDS-2), Carrying Bag: CB-RMP

RMP-3
Rhythm Coach

- *Quiet, comfortable, adjustable 8" mesh head*
- *Built-in Rhythm Coach training features and metronome*
- *Large, onscreen tempo meter*
- *Built-in beeper and headphone output*
- *Internal pickup for monitoring your drumming through headphones*
- *Mix In jack for playing along with external audio (CD players, etc.)*
- *5 metronome sounds to choose from*
- *One-piece design for convenience and portability*

Specifications

● **Pad Size** 8" ● **Tempo** 20 — 260 ● **Beat** 24 types ● **Rhythm Types** 18 types ● **Internal Sounds** Pad Sound: 1 (can be tuned), Metronome: 5 ● **Coach Mode** TIME CHECK: 4, QUIET COUNT: 6, AUTO UP/DOWN: 5, RHYTHMIC NOTES: 3, STROKE BALANCE: 2 ● **Connectors** OUTPUT Jack: 1 (Stereo miniature phone type), MIX IN Jack: 1 (Miniature phone type), AC Adaptor Jack ● **Power Supply** DC9V: Dry Battery 6F22/1604 (9 V) type (carbon), Dry Battery 6LR61/1604A (9 V) type (alkaline), AC Adaptor ● **Current Draw** 55 mA **Expected battery life under continuous use: Carbon: 2 hours, Alkaline: 6 hours, These figures will vary depending on the actual conditions of use.* ● **Stand Screw Size** M8 ● **Dimensions** 263 (W) x 348 (D) x 78 (H) mm (10-3/8" x 13-3/4" x 3-1/8") ● **Weight** 1.2 kg (2 lbs. 11 oz.) (incl. battery) ● **Accessories** Dry Battery 6F22/1604 (9 V) type (carbon), Tuning Key, Owner's Manual, Leaflet ("USING THE UNIT SAFELY" and "IMPORTANT NOTES") ● **Options** AC Adaptor: BOSS PSA Series, Pad Stand: PDS-2, Carrying Bag: CB-RMP

● **Options**

PDS-2
Pad Stand for RMP-5/3

CB-RMP
Carrying Bag for RMP-5/3

PM-30
Personal Monitor

NEW

- *2.1-channel system optimized for V-Drums*
- *200W (100W + 50W x 2) power, Class-D amplification*
- *Perfectly tuned for V-Drums via embedded DSP technology*
- *Subwoofer and Full Range modes for application-specific monitoring performance*
- *Stereo 3-channel mixer, with versatile input/output options*
- *3-band EQ*
- *Satellite speakers can be mounted on main unit or V-Drums rack system*
- *Casters and side-panel handles for convenient transportation*

*The two satellite speakers can be clamped onto the crossbar of the main unit or mounted onto a drum rack.

Specifications

● **Rated Power Output** 200W (Main Unit 100W + Satellite Speaker 50W x 2) ● **Nominal Input Level (1 kHz)** INPUT Channel 1 (V-DRUMS): -10 thru +4dBu, (LINE IN): -20 thru +4dBu, Channel 2 (LINE IN): -10 thru +4dBu, Channel 3 (LINE IN): -10 thru +4dBu ● **Nominal Output Level** LINE OUT: +4dBu, SPEAKER OUT: 50W / 4Ω ● **Speakers** Main Unit: 12" (30 cm) x 1 (Woofer), 3" (7.7 cm) x 1 (Tweeter), Satellite Speaker: 4" (10 cm) x 2 (Full Range) ● **Controls** <V-DRUMS/Channel 1> PUNCH Switch, Volume Knob, <Channel 2> Volume Knob, <Channel 3> Volume Knob, <Woofer Control> Mode Select Switch, Volume Knob, <MASTER> BASS Knob (Equalizer), MIDDLE knob (Equalizer), TREBLE knob (Equalizer), VOLUME Knob, POWER Switch ● **Indicator** POWER ● **Connectors** Main Unit: <V-DRUMS/Channel 1> V-DRUMS INPUT Jack (stereo 1/4" phone type), LINE IN Jacks (L/MONO, R) (1/4" phone type), <Channel 2> LINE IN Jacks (L/MONO, R) (1/4" phone type), <Channel 3> LINE IN Jacks (L/MONO, R) (1/4" phone type, RCA phono type), LINE OUT Jacks (L/MONO, R) (1/4" phone type), SPEAKER OUT Jacks (L, R) (1/4" phone type), PHONES Jack (stereo 1/4" phone type), Satellite Speaker: INPUT Jack (1/4" phone type) ● **Power Supply** AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz) ● **Power Consumption** 63W ● **Dimensions** MAIN UNIT: [Excl. casters] 451 (W) x 482 (D) x 482 (H) mm (17-13/16" x 19" x 19") [Incl. casters] 451 (W) x 482 (D) x 533 (H) mm (17-13/16" x 19" x 21"), <Satellite Speaker> 152 (W) x 158 (D) x 209 (H) mm (6" x 6-1/4" x 8-1/4") ● **Weight** MAIN UNIT: [Excl. casters] 24.3kg (53 lbs. 10 oz.) [Incl. casters] 25.0 kg (55 lbs. 2 oz.), <Satellite Speaker> 2.2 kg (4 lbs. 14 oz.) for each ● **Accessories** Mount Bar x 2, Clamp x 2, Speaker Cable (3.5 m) x 2, Caster x 4, Owner's Manual

** 0 dBu= 0.775 Vrms*

PM-10
Personal Monitor for V-Drums®

- *Designed as a portable companion for Roland's V-Drums*
- *Equipped with a 30-watt amplifier and a 10" 2-way coaxial speaker*
- *Jam along with your favorite songs by connecting an external CD or MP3 player to the Line In jack*
- *Balance the V-Drums and the external audio with the dedicated volume controls; adjust the tone with the built-in 2-band EQ.*

Specifications

● **Rated Power Output** 30W ● **Nominal Input Level/Input Impedance** V-DRUMS Input: 0dBu/20kΩ, LINE Input: 0dBu/20kΩ ● **Speakers** 10" (2.5 cm) Woofer + 3" (7.7 cm) Tweeter(Coaxial, 2-way) ● **Enclosure** Bass-reflex type ● **Controls** V-DRUMS Volume Knob, LINE Volume Knob, BASS Knob, TREBLE Knob, POWER SW ● **Indicator** POWER ● **Connectors** V-DRUMS Input Jack (Stereo 1/4" phone type) LINE Input Jack (Stereo 1/4" phone type) ● **Power Supply** AC 117/220/230/240 V (50/60 Hz) ● **Power Consumption** 36W ● **Dimensions** 364 (W) x 396 (D) x 352 (H) mm (14-3/8" x 15-5/8" x 13-7/8") ● **Weight** 12 kg (26 lbs. 8 oz.) ● **Accessories** Owner's Manual, Power Cord

** 0 dBu = 0.775 Vrms*

PM-3
Personal Monitor System

ACTIVE DUAL DRIVE

- *First powered personal monitor system designed for electronic percussion kits like the V-Drums®*
- *Two 50-watt speakers with 4-inch woofers, 2-inch mid-range speakers, and 1-inch tweeters; 100-watt Active Dual-Drive woofer system with two 10-inch speakers*
- *Accurately reproduces nuances and stereo placement of acoustic drums*
- *Includes brackets for mounting speakers to any Roland electronic drum system stand (MDS-20BK, MDS-12BK, MDS-6C and MDS-3C)*
- *Ideal for home use or for personal monitoring at small gigs*

Specifications

● **System Configuration** Speaker (x 2) + Woofer Unit ● **Rated Power Output** Speaker: 50W x 2, Woofer Unit: 100W ● **Speakers** Speaker: 4" Woofer, 2" Mid-range, 1" Tweeter, Woofer Unit: 10" Woofer x 2 ● **Controls** Main Volume, Woofer Volume, High, Mix Volume ● **Connectors** Main Input (L/Mono, R), Mix Input (L/Mono, R), Line Output (L, R) ● **Dimensions** Speaker: 118 (W) x 115 (D) x 186 (H) mm (4-11/16" x 4-9/16" x 7-3/8"), Woofer Unit: 555 (W) x 335 (D) x 450 (H) mm (21-7/8" x 13-3/16" x 17-3/4") ● **Weight** Speaker: 1.6 kg (for each) (3 lbs. 9 oz.), Woofer Unit: 30 kg (66 lbs. 3 oz.) ● **Accessories** Mount Bracket x 2, Speaker Cables

Sound Module and Drum Pad Combinations

You need to select the suitable "Trigger Type (Pad Type)" on the sound module for your pad.

About the table ○ ····Yes — ····No

example (the grey area in the list):
With a PD-125 connected to the Trigger Input 2 (SNARE) of the TD-6V, headshots and rim shots are possible.

Sound Module	Trigger Input	Pad	V-Pad			Pad		V-Cymbal / Cymbal Pad												V-Hi-Hat		Kick Trigger	Acoustic Drum Trigger	
			PD-125BK/WT, PD-105BK/WT,PD-85BK/WT			PDX-8		PD-8			CY-15R, CY-12R/C				CY-14C			CY-8,CY-5			VH-12	VH-11	KD-120, KD-85, KD-8, KD-7	RT-10S, RT-10K (*1), RT-10T (*1)	
		Playing Methods	Head Shot	Rim Shot	Brush Sweep(*3)	Head Shot	Rim Shot	Head Shot	Rim Shot	Choking	Bow Shot	Edge or Bell Shot (*4)	Three-Way Triggering	Choking	Bow Shot	Edge Shot	Choking	Bow Shot	Edge Shot	Choking			Head Shot	Rim Shot
TD-20	1 (KICK)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ *pos.	○ *pos. *2 *10	○	○	○ *2	○ *pos.	○	○	○ *pos.	○	—	○	○ *pos.	○	○	○	○	○	—	—	○	○	○
	3, 4, 5, 6 (TOM 1,2,3,4)		○	○ *pos. *10	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	7 (HI-HAT)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	—
	8, 9 (CRASH 1,2)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	10 (RIDE), 11 (EDGE)		○ *pos.	—	—	○	—	○ *pos.	○	○	○ *pos.	○	○ *5	○	○ *pos.	○	○	○	○	○	—	—	○	○	—
	12,13,14,15 (AUX 1,2,3,4)		○	○ *pos. *10	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
TD-12	1 (KICK)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	2 (SNARE)		○ *pos.	○ *pos. *2 *10	○	○	○ *2	○ *pos.	○	○	○ *pos.	○	—	○	○ *pos.	○	○	○	○	○	—	—	○	○	○
	3, 4, 5 (TOM 1,2,3)		○	○ *pos. *10	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	6 (HI-HAT)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	○	○	○	○	—
	7, 8 (CRASH 1,2)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	9 (RIDE), 10 (EDGE)		○ *pos.	—	—	○	—	○ *pos.	○	○	○ *pos.	○	○ *5	○	○ *pos.	○	○	○	○	○	—	—	○	○	—
	11, 12, (AUX 1,2)		○	○ *pos. *10	—	○	○	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
TD-6V	1 (KICK)		○	—	—	○	—	○	—	—	○	—	—	—	○	—	—	○	—	—	—	—	○	○	—
	2 (SNARE)		○	○ *2	—	○	○ *2	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	3 (HI-HAT)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	△ *11	○	○	—
	4, 5/6 (*6), 7/8 (*6)		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	9,10,11		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
TD-3	SNARE		○	○ *2	—	○	○ *2	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○
	HI-HAT, CRASH 1, CRASH 2, RIDE		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
	KICK, TOM 1,2,3		○	—	—	○	—	○	—	—	○	—	—	—	○	—	—	○	—	—	—	—	○	○	—
SPD-20	1, 2		○	○	—	○	○ *9	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	○ *9
	3, 4		○	—	—	○	—	○	○	○	○	○	—	○	○	○	○	○	○	○	—	—	○	○	—
SPD-S	TRIG IN (1/2) (*6)		○	○ *7	—	○	○ *7	○	○ *7	—	○	○ *7	—	—	○	○ *7	—	○	○ *7	—	—	—	○	○	○ *7
HPD-15	TRIGGER INPUT (*6)		○	○ *7	—	○	○ *7	○	○ *7	—	○	○ *7	—	—	○	○ *7	—	○	○ *7	—	—	—	○	○	○ *7 *9
HPD-10	EXT TRIG (*6)		○	○ *12	—	○	○ *12	○	○ *12	○ *12	○	○ *12	—	○ *12	○	○ *12	○ *12	○	○ *12	○ *12	—	—	○	○	○ *12
TMC-6	2		○	○	—	○	○	○	○	○	○	○	○ *3	○	○	○	○	○	○	○	—	—	○	○	○
	Others		○	○ *8	—	○	○ *8	○	○	○	○	○	○ *3	○	○	○	○	○	○	○	—	—	○	○	○ *8
RMP-5	EXT TRIG (*6)		○	○ *7	—	○	○ *7	○	○ *7	○ *7	○	○ *7	—	○ *7	○	○ *7	○ *7	○	○ *7	○ *7	—	—	○	○	○ *7

**pos.: Positional sensing is available.*
**To enable rim shot, edge shot, bell shot and choking techniques, you'll need to connect the pad with the stereo cable.*

*(*1) Does not support rim shots.*
*(*2) Supports cross-stick technique.*
*(*3) Supports brush sweep techniques.*
*(*4) Connect to the BOW/EDGE output jack for edge shots; connect to the BOW/BELL output jack for bell shots.*
*(*5) With two cables, you can perform using three different tones: bow, bell, and edge.*
*(*6) With a Y-Cable (PCS-31L), you can connect two pads to a single trigger input jack. However, rim shots, choking, and edge or bell shot on each pad or cymbal are not available for use.*
*(*7) You need to set the "Input Mode" to "HD/RM" (or "H-r" in the RMP-5).*
*(*8) With a Y-Cable (PCS-31L), rim shots are possible with other trigger inputs in addition to Trigger Input 2.*
*(*9) You need to select "PD-120" for trigger type settings.*
*(*10) Positional sensing on rim is available.*
*(*11) Open/Close control is possible. Since the module is not fully compatible with the VH-11, the expressiveness of the half-open play is different from the TD-20/12.*
*(*12) Compatible with "PAD/RIM" dual-triggering feature in EXT TRIG mode.*

The power behind Roland's GK gear lies in the GK-3/3B Divided Pickup. This unique pickup provides an individual output for each string — crucial for accurate synth tracking, advanced pickup and guitar modeling, and precise pitch-to-MIDI conversion. Once the GK-3/3B has been attached to a steel-stringed electric guitar, acoustic guitar or bass guitar — or purchased as part of a special "Roland-Ready" guitar — users can tap into the amazing polyphonic pitch-shifting power, COSM® Guitar Modeling, and synthesis power of Roland's GK-Ready gear.

**Note that the GK-3 and GK-3B's functions vary between different GK gear. Please check the specifications for Roland's GK-Ready gear to see what types of effects are possible.*

VG-88
Version 2
V-Guitar™ System

V.2 SOFTWARE — *Includes 3 new COSM® guitars, 18 new amps, plus De-Fretter, Uni-V, and COSM wah effects.*

- *Self-contained guitar processing/modeling system, which recreates a wide variety of guitar, pickup, amp, speaker cabinet, and microphone sounds using a standard electric guitar equipped with a GK-3 or compatible pickup*
- *Contains hollow-body and acoustic guitar models — including new nylon-string — for instant switching between electric and acoustic guitar sounds*
- *COSM® Guitar includes new synth-type sounds (including new Wave Synth) and new Sitar sounds while preserving a guitar's natural expression*
- *32 mind-blowing COSM amp models, including 18 new combos and stacks from vintage to modern*
- *New COSM Wah Modeling recreates 5 classic wah pedals; Defretter effect creates instant fretless sounds; Uni-V produces swirling rotary sounds*
- *Polyphonic Intelligent Pitch Shifter instantly recreates the sound of user-defined and open tunings, 12-string guitars, bass guitar, string-assignable octave, Slow Gear, etc.*
- *Onboard reverb, chorus, delay, flanger, and parametric EQ — all available simultaneously*
- *160 Preset and 100 User Patches, including newly-developed factory Patches*
- *Direct 1/4" guitar input provides access to COSM amp models and effects using normal electric guitar pickups*

Specifications

● **AD Conversion** 24-bit + AF Method (GUITAR INPUT), 20-bit (GK IN) ● **DA Conversion** 20-bit ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Program Memories** 260: 100 (User) + 160 (Preset) ● **Nominal Input Level** -10dBu ● **Input Impedance** 1 MΩ ● **Nominal Output Level** OUTPUT: +4dBu, GUITAR OUTPUT: -10dBu ● **Output Impedance** OUTPUT: 2 kΩ, GUITAR OUTPUT: 2 kΩ ● **Dynamic Range** 100dB or greater (IHF-A) ● **Display** 160 x 64-dot Backlit LCD, 2 characters, 7 segments LED ● **Connectors** GK IN, GUITAR INPUT, GUITAR OUTPUT, OUTPUT (L(Mono), R), PHONES, SUB EXP PEDAL/SUB CTL (1, 2), MIDI (In, Out) ● **Power Supply** AC 117/230/240 V ● **Dimensions** 504 (W) x 303 (D) x 101 (H) mm (19-7/8" x 11-15/16" x 4") ● **Weight** 4.9 kg (10 lbs. 13 oz.) ● **Accessory** GK Connecting Cable C-13A (5 m)

** 0 dBu=0.775 Vrms*

V-BASS

- *Bass processing/modeling system which recreates a variety of bass, pickup, amp, speaker cabinet, mic, and effects combinations*
- *COSM® Bass technology models classic electric, acoustic, fretless, and custom user-created basses using standard bass guitar with GK-3B Divided Pickup for Bass**
- *Instant access to popular solid state and tube amp models, speaker cabinets, plus original amp models*
- *Unsurpassed bass effects include wah, modeled overdrive/distortion, compression, delay, chorus, reverb, and more*
- *Incredible synth bass sounds, polyphonic effects, wild sound effects, and more*
- *1/4" bass input jack for direct access to amp modeling and non-polyphonic effects*
- *4-string, 5-string and 6-string Select function for optimal results; 100 Preset and 100 User Patches*

**This user-installable pickup is required for access to COSM Bass technology and polyphonic effects.*

Specifications

● **AD Conversion** 24-bit + AF method (BASS INPUT), 20-bit (GK IN) ● **DA Conversion** 20-bit ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Program Memories** 200: 100 (User) + 100 (Preset) ● **Nominal Input Level** -10dBu ● **Input Impedance** 1 MΩ ● **Nominal Output Level** OUTPUT: +4dBu, OUTPUT (XLR): +4dBu, BASS OUTPUT: -10dBu, ● **Output Impedance** OUTPUT: 2 kΩ, OUTPUT (XLR): 600 Ω (HOT - COLD), BASS OUTPUT 2 kΩ: ● **Dynamic Range** 100dB or greater (IHF-A) ● **Display** 160 x 64-dot Backlit LCD, 2 characters, 7 segments LED ● **Connectors** GK IN, BASS INPUT, BASS OUTPUT, OUTPUT (L(Mono), R), OUTPUT(XLR) (L(Mono)) (R(Direct)), PHONES, SUB EXP PEDAL/SUB CTL (1,2), MIDI (In, Out) ● **Power Supply** AC 117/230/240 V ● **Dimensions** 504 (W) x 303 (D) x 101 (H) mm (19-7/8" x 11-15/16" x 4") ● **Weight** 4.9 kg (10 lbs. 13 oz.) ● **Accessory** GK Connecting Cable C-13A (5 m)

● **Option**

GK-3B Divided Pickup for Bass

Drive your synth bass rig with this new and improved divided pickup. Smaller and thinner than its GK-2B predecessor, the GK-3B is similar to the GK-3, but catered for low frequencies. Its big control knob allows for smooth volume control; the Select Switch lets you quickly choose between normal bass tones, synth/processed sounds, and bass and synth/processed sounds mixed together.

- *Slim design with performer-friendly controls; compatible with V-Bass, GR-20, and GI-20*
- *Convenient do-it-yourself installation (pickup holder and double-sided tape included)*

GR-20
Guitar Synthesizer

- *Affordable guitar synthesizer with new sounds, easy interface, and GK-3 pickup*
- *Easy to use: Select a sound category (Strings, Organ, Synth, etc.) and play!*
- *Quick editing via Attack, Release, Chorus, and Delay/Reverb knobs*
- *Digital pitch detection for lightning-fast tracking*
- *Includes Roland's latest sounds, such as sax, strings, flute, brass, bass, and percussion loops*
- *GK-3 mounts easily on any steel-stringed electric without damage to guitar*
- *GK-3 features an adjustable curve design and pick-up cable length, plus an attachment plate for Les Paul-type guitars*
- *Connect your GR-20 to a GK-2B/GK-3B-equipped basses with downloadable updater, now available at www.bosscorp.co.jp*
- *GR-20 can be purchased separately (without GK-3) as model #GR-20S; ideal for musicians who already own GK-2B/GK-3B-equipped basses*

Specifications

● **Sound Generator** 1 part ● **Max. Polyphony** 48 voices ● **Program Memories** User: 99, Preset: 469 ● **Effects** MULTI-FX (included in the patches), Chorus, Delay/Reverb ● **Power Supply** AC 14 V (AC Adaptor) ● **Current Draw** 600 mA ● **Dimensions** 313.8 (W) x 244.9 (D) x 63.1 (H) mm (12-3/8" x 9-11/16" x 2-1/2"), Maximum height: 313.8 (W) x 244.9 (D) x 97.5 (H) mm (12-3/8" x 9-11/16" x 3-7/8") ● **Weight** 1.7 kg (3 lbs. 12 oz.) (excl. the AC Adaptor) ● **Connectors** GK IN, GUITAR OUT, MIX IN (R(Mono), L), OUTPUT (R(Mono), L(Phone)), MIDI (In, Out), AC IN ● **Accessories** AC Adaptor (BRC series), GK Cable (5 m), Divided Pickup (GK-3)

● **Option**

GK-3 Divided Pickup

- *Mounts easily on any steel-stringed electric without damage to guitar*
- *Features an adjustable curve design and pickup cable length, plus an attachment plate for Les Paul-type guitars*

Buyer's note

The GR-20 comes bundled with the GK-3 pickup [model #GR-20] or can be purchased separately without the pickup [model #GR-20S].

GI-20
GK-MIDI Interface

- *Powerful Guitar/Bass-MIDI interface turns MIDI modules into a guitar synth*
- *Built-in USB-MIDI port for computer connection*
- *Easy, knob-based controls and dedicated buttons for fast, intuitive operation*
- *Patch Memory lets you store user settings for live performance*
- *Ideal for use with Roland XV-2020 Synthesizer Module*
- *Flexible Transpose functions + 2 / - 3 octave with optional footswitch control*

Specifications USB

● **Program Memories** 50 ● **Display** 7-segment, 2-character LED ● **Connectors** GK IN, FOOT SWITCH, EXP PDL, GUITAR OUT, MIDI (In, Out), USB, DC IN ● **Power Supply** DC 9 V; AC Adaptor (ACI or ACB Series) ● **Dimensions** 218 (W) x 237 (D) x 44 (H) mm (8-5/8" x 9-3/8" x 1-3/4") <incl. rubber foot> 218 (W) x 237 (D) x 46.4 (H) mm (8-5/8" x 9-3/8" x 1-7/8") ● **Weight** (excl. AC Adaptor) 1.3 kg (2 lbs. 14 oz.) ● **Accessories** AC Adaptor (120/230 V: ACI Series, 230(UK)/240 V: ACB Series) GK Cable (3 m), MIDI Cable (1 m), CD-ROM (USB driver), Rubber Foot x 4

US-20
Unit Selector

- *1 Input/2 Output ports for guitars equipped with 13-pin GK-compatible pickups*
- *Durable metal construction*
- *Compatible with VG-88 Version 2, V-Bass, GR-33 /20, and GI-20*

GKP-4
GK Parallel Box

- *1 Input/4 Output parallel box for guitars equipped with 13-pin GK-compatible pickups*
- *No batteries or power supply required; draws power through GK cable*

GK Cables

GKC-3 3 m / GKC-5 5 m / GKC-10 10 m

KC-550
4-ch. Stereo Mixing Keyboard Amplifier

- *180-watt keyboard amplifier with 15" speaker and horn tweeter*
- *4 stereo inputs, plus stereo Aux input and XLR Mic input*
- *Output Select feature and tonal control via Shape switch*
- *3-band EQ and Subwoofer output compatible with KCW-1*
- *Stereo Link feature, plus professional XLR Line output*

Specifications

● **Rated Power Output** 180W ● **Speakers** 15" (38 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), Output Select, Phones Volume [Master Control] EQ (Low/Middle/High), Shape Switch, Volume, Power, GND Lift ● **Connectors** CH1 Input (XLR type), CH1-4 Input L (Mono, 1/4" phone type), CH1-4 Input R (1/4" phone type), Line Out L (Mono, XLR type, 1/4" phone type), Line Out R (XLR type, 1/4" phone type), AUX In (RCA phono type), Subwoofer Out (1/4" phone type), Stereo Link In/Out (1/4" phone type), Phones (Stereo 1/4" phone type) ● **Power Consumption** 135W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 590 (W) x 445 (D) x 590 (H) mm (23-1/4" x 17-9/16" x 23-1/4") ● **Weight** 29 kg (63 lbs. 15 oz.) ● **Accessory** Casters (x 4)

KC-350
4-ch. Stereo Mixing Keyboard Amplifier

- *120-watt keyboard amplifier with 12" speaker and horn tweeter*
- *4 stereo inputs, plus stereo Aux input and XLR Mic input*
- *Output Select feature and tonal control via Shape switch*
- *3-band EQ and Subwoofer output compatible with KCW-1*
- *Stereo Link feature, plus 1/4" output for recording*

Specifications

● **Rated Power Output** 120W ● **Speakers** 12" (30 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), Output Select, Phones Volume [Master Control] EQ (Low/Middle/High), Shape Switch, Volume, Power ● **Connectors** CH1 Input (XLR type), CH1-4 Input L (Mono, 1/4" phone type), CH1-4 Input R (1/4" phone type), Line Out L (Mono, 1/4" phone type), Line Out R (1/4" phone type), AUX In (RCA phono type), Subwoofer Out (1/4" phone type), Stereo Link In/Out (1/4" phone type), Phones (Stereo 1/4" phone type) ● **Power Consumption** 100W (AC 117/230/240 V) ● **Dimensions** 490 (W) x 385 (D) x 470 (H) mm (19-5-16" x 15-3/16" x 18-9/16") ● **Weight** 22 kg (48 lbs. 9 oz.)

KC-150
4-ch. Mixing Keyboard Amplifier

- *Compact keyboard amplifier with 65-watt/12" speaker and piezo tweeter*
- *4 mono inputs, plus stereo Aux input and XLR Mic input*
- *2-band EQ, plus tonal control via Shape switch*
- *Mono Line output, Subwoofer output, and Headphones output*

Specifications

● **Rated Power Output** 65W ● **Speakers** 12" (30 cm) x 1 + Tweeter x 1 ● **Controls** [Channel Control] Volume (CH1/2/3/4), [Master Control] EQ (Low/High), Volume, Power ● **Connectors** CH1 Input (XLR type, 1/4" phone type), CH2-4 Input (1/4" phone type), AUX In (RCA phono type), Line Out (1/4" phone type), Subwoofer Out (1/4" phone type), Phones (1/4" TRS phone type, mono signal output) ● **Power Consumption** 55W (AC 117/230/240 V) ● **Dimensions** 480 (W) x 295 (D) x 435 (H) mm (18-15/16" x 11-5/8" x 17-1/8") ● **Weight** 14 kg (30 lbs. 14 oz.)

KC-60
3-ch. Mixing Keyboard Amplifier

- *Compact, affordable keyboard amplifier with legendary KC sound*
- *40-watt output power with 10" speaker and independent tweeter*
- *Subwoofer output for low end boost (compatible with KCW-1 and most other powered subwoofers)*
- *3-channel design includes 1/4" Line input and XLR Microphone input*
- *Auxiliary input (RCA type) for connecting CD or MD players*

Specifications

● **Rated Power Output** 40W ● **Speakers** 10" (25 cm) x 1 + Tweeter x 1 ● **Controls** Channel Volume (1, 2, 3), EQ (Low/High), Master Volume, Power Switch ● **Connectors** Channel 1 Input (XLR type, 1/4" phone type), Channel 2, 3 Inputs (1/4" phone type), Aux In (RCA phono type), Line Out (1/4" phone type), Subwoofer Out (1/4" phone type), Phones (1/4" TRS phone type, mono signal output) ● **Power Consumption** 45W (AC 117/230/240 V) ● **Dimensions** 420 (W) x 300 (D) x 410 (H) mm (16-9/16" x 11-13/16" x 16-3/16") ● **Weight** 12.5 kg (27 lbs. 9 oz.)

KCW-1
Powered Subwoofer

- *200-watt powered subwoofer adds deep low end to a range of amps*
- *Stereo Thru Out (XLR and 1/4") for amps without a Subwoofer output*
- *Intuitive controls: Crossover knob, Phase switch, and Bottom switch*
- *Footswitch jack for switching the powered woofer on or off*

Specifications

● **Rated Power Output** 200W ● **Speakers** 10" (25cm) x 1 ● **Connectors** Input (L, R) (XLR type), Input (L(Mono), R) (1/4" phone type), Thru Out (L, R) (XLR type), Thru Out (L, R) (1/4" phone type), Foot Switch (1/4" phone type) ● **Power Consumption** 135W (AC 117/230/240 V) ● **Dimensions** 438 (W) x 440 (D) x 460 (H) mm (17-1/4" x 17-3/8" x 18-1/8") ● **Weight** 23 kg (50 lbs. 12 oz.) ● **Accessory** Owner's Manual ● **Options** Pedal Switch (DP-2), Foot Switch (FS-5U)

JC-120
Jazz Chorus™ Guitar Amplifier

- *The Classic and most popular "JC" since 1975*
- *60W + 60W (RMS) /12" x 2 speakers*
- *Distinctive "JC" stereo chorus*
- *Vibrato with speed and depth control*
- *Two input channels (normal/effect); 3-band EQ per channel*
- *Stereo effect loop*
- *Three footswitch jacks for chorus/vibrato, reverb, and distortion*

Specifications

● **Rated Power Output** 120W (60W + 60W) ● **Speakers** 12" (30 cm) x 2 ● **Connectors** <CH 1> Input (High, Low), <CH 2> Input (High, Low), Line Out (L/Mono, R), Effect Loop Send, Effect Loop Return (L/Mono, R), Footswitches (Chorus/Vibrato, Reverb, Distortion) ● **Power Consumption** 110W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 760 (W) x 280 (D) x 622 (H) mm (29-15/16" x 11-1/16" x 24-1/2") ● **Weight** 28 kg (61 lbs. 12 oz.) ● **Accessory** Casters (x 4)

AC-60
Acoustic Chorus™ Guitar Amplifier

- *Compact stereo acoustic amplifier with pure, natural tone and excellent projection*
- *Stereo 30-watt/dual 6.5-inch speaker configuration ideal for club gigs*
- *2-Channel design: Guitar input and Mic/Line input with Phantom Power*
- *Onboard stereo/multi-band chorus including new "wide" chorus and delay/reverb*
- *Built-in Auto Anti-Feedback controls allow for maximum volume without feedback*
- *Convenient Mute switch for silent tuning on stage*

Specifications

● **Rated Power Output** 30W + 30W ● **Speakers** 6.5" (16 cm) x 2 ● **Controls** <GUITAR Channel> Pickup Switch (Piezo/Magnetic), SHAPE Switch, Volume Knob, Equalizer Knobs (Bass/Middle/Treble), Chorus Switch, <MIC/LINE Channel> Phantom Switch, Select Switch (Mic/Line), Volume Knob, Equalizer Knobs (Bass/Middle/Treble), Chorus Switch, <Chorus Knob>, <Reverb/Delay Knob>, <Anti-Feedback> Frequency Knob, Start Button, <Mute Switch>, <Master Knob>, <Power Switch> ● **Connectors** Guitar Channel Input (1/4" phone type), Mic/Line Input (XLR type, 1/4" phone type), Aux In (RCA phono type, 1/4" phone type), DI/Tuner Out (1/4" TRS phone type), Line Out (XLR type, 1/4" phone type), Sub Woofer Out (1/4" phone type), Headphones (1/4" TRS phone type), Foot Switch (1/4" TRS phone type) ● **Power Consumption** 68W (AC 117/230/240 V) ● **Dimensions** 380 (W) x 270 (D) x 268 (H) mm (15" x 10-11/16" x 10-9/16") ● **Weight** 9.8 kg (21 lbs. 10 oz.) ● **Accessory** Carrying Case ● **Options** Foot Switch [FS-5L (Mute On/Off), FS-5U], Connection Cable (PCS-31)

● **Accessory**

Carrying Case

CUBE-30X/CUBE-20X/CUBE-15X

NEW

Guitar Amplifiers

- *Powerful COSM® onboard (CUBE-30X/-20X)*
- *Unique Dyna Amp feature (CUBE-30X)*
- *New acoustic simulation inherited from BOSS AC-3 (CUBE-30X/-20X)*
- *Power Squeezer for punchy and well-balanced sound at low-level sound volumes*
- *Convenient onboard tuner (CUBE-30X/-20X)*

■ **CUBE-30X** COSM

Power Squeezer | Onboard Tuner | Dyna Amp

● **Control Panel**

■ **CUBE-20X** COSM

Power Squeezer | Onboard Tuner

● **Control Panel**

■ **CUBE-15X**

Power Squeezer

● **Control Panel**

Specifications

<CUBE-30X> ● **Rated Power Output** 30W ● **Nominal Input Level** INPUT (JC CLEAN channel): -10dBu/1 MΩ, AUX IN: -10dBu ● **Speaker** 10" (25 cm) ● **Controls** POWER Switch, SELECT Switch, TUNER Switch, POWER SQUEEZER Switch, <JC CLEAN channel> VOLUME Knob <LEAD channel> TYPE Switch (ACOUSTIC, BLACK PANEL, BRIT COMBO, TWEED, CLASSIC STACK, METAL STACK, R-FIER STACK, DYNA AMP), GAIN Knob, VOLUME Knob <EQUALIZER> BASS Knob, MIDDLE Knob, TREBLE Knob <EFX> EFX Knob (CHORUS, FLANGER, PHASER, TREMOLO) <DELAY/REVERB> DELAY/REVERB Knob ● **Indicators** JC CLEAN Channel, LEAD Channel, EFX, TUNER, POWER SQUEEZER ● **Connectors** INPUT Jack (1/4" phone type), AUX IN Jack (Stereo miniature phone type), FOOT SW Jack (SELECT, EFX) (1/4" phone type), RECORDING OUT/PHONES Jack (Stereo 1/4" phone type) ● **Power Supply** AC 117/230/240 V (50/60 Hz) ● **Power Consumption** 34W ● **Dimensions** 385 (W) x 240 (D) x 380 (H) mm (15-3/16" x 9-1/2" x 15") ● **Weight** 9.3 kg (20 lbs. 9 oz.) ● **Accessory** Owner's Manual ● **Options** Foot Switch (BOSS FS-5U, FS-6), Connection Cable (PCS-31)

<CUBE-20X> ● **Rated Power Output** 20W ● **Nominal Input Level** INPUT (JC CLEAN channel): -10dBu/1 MΩ, AUX IN: -10dBu ● **Speaker** 8" (20 cm) ● **Controls** POWER Switch, SELECT Switch, TUNER Switch, POWER SQUEEZER Switch, <JC CLEAN channel> VOLUME Knob <LEAD channel> TYPE Switch (ACOUSTIC, OVERDRIVE, DISTORTION, METAL, METAL STACK, TUBE DRIVE), GAIN Knob, VOLUME Knob <EQUALIZER> BASS Knob, MIDDLE Knob, TREBLE Knob <EFX> EFX Knob (CHORUS, FLANGER, PHASER, TREMOLO) <DELAY/REVERB> DELAY/REVERB Knob ● **Indicators** JC CLEAN Channel, LEAD Channel, EFX, TUNER, POWER SQUEEZER ● **Connectors** INPUT Jack (1/4" phone type), AUX IN Jack (Stereo miniature phone type), FOOT SW Jack (SELECT, EFX) (1/4" phone type), RECORDING OUT/PHONES Jack (Stereo 1/4" phone type) ● **Power Supply** AC 117/230/240 V (50/60 Hz) ● **Power Consumption** 24W ● **Dimensions** 335 (W) x 240 (D) x 335 (H) mm (13-3/16" x 9-1/2" x 13-3/16") ● **Weight** 7.2 kg (15 lbs. 14 oz.) ● **Accessory** Owner's Manual ● **Options** Foot Switch (BOSS FS-5U, FS-6), Connection Cable (PCS-31)

<CUBE-15X> ● **Rated Power Output** 15W ● **Nominal Input Level** INPUT (CLEAN channel): -10dBu/1 MΩ, AUX IN: -10dBu ● **Speaker** 8" (20 cm) ● **Controls** POWER Switch, SELECT Switch, POWER SQUEEZER Switch, <CLEAN channel> VOLUME Knob <LEAD channel> TYPE Switch (OVERDRIVE, DISTORTION, METAL, METAL STACK), GAIN Knob, VOLUME Knob <EQUALIZER> BASS Knob, MIDDLE Knob, TREBLE Knob ● **Indicators** CLEAN Channel, LEAD Channel ● **Connectors** INPUT Jack (1/4" phone type), AUX IN Jack (Stereo miniature phone type), RECORDING OUT/PHONES Jack (Stereo 1/4" phone type) ● **Power Supply** AC 117/230/240 V (50/60 Hz) ● **Power Consumption** 18W ● **Dimensions** 335 (W) x 240 (D) x 335 (H) mm (13-3/16" x 9-1/2" x 13-3/16") ● **Weight** 7.1 kg (15 lbs. 11 oz.) ● **Accessory** Owner's Manual ** 0 dBu= 0.775 Vrms*

Micro-CUBE BLACK/RED/WHITE

COSM

Guitar Amplifier

- *Ultra-compact portable DSP guitar amp with 5" speaker*
- *Runs on battery or AC power (adapter supplied) and includes carry strap*
- *Seven COSM guitar amp models, including JC-120 and a special mic preamp model*
- *Six DSP effects: chorus, flanger, phaser, tremolo, and separate delay/reverb*
- *New Digital Tuning Fork with support for flat tunings up to 2 semitones*
- *Recording/headphones output and stereo auxiliary input for CD players, etc.*

● **Top Panel**

● **Rear Panel**

■ **Limited Edition**

NEW

■ RED

■ WHITE

Specifications

● **Rated Power Output** 2W ● **Nominal Input Level** INPUT: -10dBu, AUX IN: -10dBu ● **Speaker** 5" (12 cm) x 1 ● **Power Supply** DC 9 V: AC Adaptor or Dry Battery (LR6 (AA) type) x 6 ● **Current Draw** 185 mA ● **Dimensions** 244 (W) x 166 (D) x 226 (H) mm (9-5/8" x 6-9/16" x 8-15/16") ● **Weight** 3.3 kg (7 lbs. 5 oz.) (excl. AC Adaptor and Battery) ● **Accessories** AC Adaptor, Strap, Owner's Manual ** 0 dBu=0.775 Vrms*

CUBE-60

COSM

Guitar Amplifier

- *Powerful 60W output in a compact, 12" speaker design*
- *Built-in 9 COSM guitar amp models, including JC, British Combo, and R-Fier*
- *New Dyna Amp feature offers expressive control over enhanced dynamics and tone transitions based on picking style*
- *Six classic built-in Roland effects, including chorus, flanger, phaser, Tremolo, and independent delay/reverb*
- *Multiple outputs, including recording/phones out, line out, tuner out, and external speaker out (for connecting external cabinets)*
- *Channel switching, delay/reverb, and effect on/off control via optional footswitch*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 60W ● **Nominal Input Level (@ 1kHz)** INPUT: -10dBu/1 MΩ ● **Speaker** 12" (30 cm) x 1 ● **Power Supply** AC117/230/240 V ● **Power Consumption** 60W ● **Dimensions** 410 (W) x 275 (D) x 440 (H) mm (16-3/16" x 10-7/8" x 17-3/8") ● **Weights** 14.5 kg, (32 lbs.) ● **Accessory** Owner's Manual ● **Option** Footswitch FS-5U (BOSS) ** 0 dBu=0.775 Vrms*

CUBE-100 BASS

COSM FFP

Bass Amplifier

- *Powerful 100W bass amplifier*
- *12" coaxial 2-way speaker*
- *Chorus/flanger/T-wah, delay/reverb, 4-band EQ, compressor, and Shape control*
- *COSM® amp models: Flip Top, B Man, Bass 360, Session, Concert 810, and new "Super Flat"*
- *DI Output, Line Out, Phones/Recording Out, and External Speaker Out*
- *Pad switch accommodates input levels from any type of bass guitar*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 100W ● **Speaker** 30 cm (12") + Tweeter (Coaxial, 2-way) ● **Power Consumption** 28W (AC 117/230/240 V (50/60 Hz), AC 220 V (60 Hz)) ● **Dimensions** 407 (W) x 310 (D) x 469 (H) mm (16-1/16" x 12-1/4" x 18-1/2") ● **Weight** 17 kg (37 lbs. 8 oz.)

CUBE-30 BASS

COSM FFP

Bass Amplifier

- *Compact 30-watt bass amp with 10" coaxial 2-way speaker*
- *FFP™ technology maximizes amp components for surprisingly powerful sound*
- *7 COSM® bass amp models including octave bass sound*
- *Convenient Shape switch for easy tonal variation*
- *5 high-quality DSP effects: reverb, delay, chorus, flanger, and T-Wah*
- *Onboard 3-band EQ and compression with simple knob-based controls*
- *Recording/Headphone output for silent practice and recording*
- *Footswitch input and Auxiliary input for connecting a CD player*

● **Top Panel**

Specifications

● **Rated Power Output** 30W ● **Speakers** 10" (25cm) full range x 1, Coaxial type tweeter x 1 ● **Power Consumption** 34W (AC 117/230/240 V) ● **Dimensions** 385 (W) x 300 (D) x 380 (H) mm (15-3/16" x 11-13/16" x 15") ● **Weight** 12 kg (20 lbs. 5 oz.) ● **Accessory** Owner's Manual ● **Options** Foot Switch (FS-5U), Connection Cable (PCS-31)

CM-30

CUBE Monitor

- *Ultra-versatile monitor for studio, stage, and more*
- *6.5" coaxial, 2-way speaker with stereo preamp*
- *30-watt output*
- *3 input channels, with one XLR input for mic/line and 2 additional Aux inputs*
- *Stereo Link function for stereo connection between two units, for a total of up to 8 stereo inputs and 2 mono mic/line inputs*
- *Metal grill cover, corner protectors, and handle grip for easy transport*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 30W ● **Nominal Input Level (1kHz)** Channel 1 (MIC/LINE): -50 to -20dBu, Channel 2, 3 (LINE): -20dBu, AUX IN 1, 2: -10dBu, Stereo Link Input: -10dBu ● **Nominal Output Level** StereoLink Out L, R: -10dBu ● **Speaker** 6.5" (16cm) Coaxial Type ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 32W ● **Dimensions** 214 (W) x 238 (D) x 275 (H) mm (8-7/16" x 9-3/8" x 10-7/8") ● **Weight** 5.6 kg (12 lbs. 6 oz.) ** 0 dBu=0.775 Vrms*

D-BASS 210
D-BASS™ Amplifier

COSM FFP

- *Built with FFP™ and Active Speaker Control technology for super high-quality sound, power, quick response, and efficiency*
- *COSM® preamp models, including Modern, Vintage, and Super Flat*
- *Tube Logic function produces the fat and natural compression of tube amps*
- *3-band EQ with dedicated Tweeter Control knob*
- *Passive/active input and dedicated piezo input also built in — Perfect for any type of bass guitar*
- *Rock-solid construction, but lighter overall weight to ease the burden of transportation*
- *High-performance neodymium-based speaker*
- *Optional 115X powered satellite cabinet provides 330 watts of extra power and punch — looks great too!*
- *400W RMS into 2 x 10" and tweeter*
- *XLR DI out with ground lift*

Specifications

● **Output Power** 400W (160W + 160W + 80W), TRI-AMP Structure ● **Speakers** 10" (25 cm) x 2, Tweeter ● **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ● **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ● **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ● **Power Consumption** 95W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 595 (W) x 410 (D) x 625 (H) mm (23-7/16" x 16-3/16" x 24-5/8") ● **Weight** 24.0 kg (52 lbs. 15 oz.) ● **Accessories** Casters x 4, Owner's Manual

D-BASS 115
D-BASS Amplifier

COSM FFP

- *High-powered bass amp with FFP and Active Speaker Control*
- *Powerful, ultra-lightweight design*
- *330W RMS into 1 x 15" and tweeter*
- *3 COSM amp models*
- *XLR DI out with ground lift*

Specifications

● **Output Power** 330W (250W + 80W), BI-AMP Structure ● **Speakers** 15" (38 cm) x 1, Tweeter ● **Connectors** INPUT (PIEZO, NORMAL) jacks (1/4" phone type), PHONES jack (1/4" phone type), BALANCED OUT jack (XLR type), TUNER OUT jack (1/4" phone type), EFFECT (SEND, RETURN) jacks (1/4" phone type), LINE OUT jack (1/4" phone type), SUB OUT jack (1/4" phone type), FOOT SW (MUTE) jack (1/4" phone type) ● **Knobs** GAIN, TYPE, COMPRESSION, BASS, MIDDLE, FREQUENCY, TREBLE, TWEETER, EFFECT BLEND, VOLUME ● **Switches** PICKUP TYPE, SHAPE, MODE, MUTE, GND LIFT, SELECT, POWER ● **Power Consumption** 92W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 595 (W) x 410 (D) x 674 (H) mm (23-7/16" x 16-3/16" x 26-9/16") ● **Weight** 23.5 kg (51 lbs. 13 oz.) ● **Accessories** Casters x 4, Owner's Manual

D-BASS 115X
D-BASS Amplifier

FFP

- *Ultra lightweight, powered bass speaker cab*
- *330W RMS into 1 x 15" and tweeter*
- *Switch for full range or Sub woofer functions*
- *Perfect match for D-Bass 115 or 210*
- *Can be used as external cab with other amps*

Specifications

● **Output Power** 330W (250W + 80W), BI-AMP Structure ● **Speakers** 15" (38 cm) x 1, Tweeter ● **Connectors** INPUT jack (1/4" phone type) THRU OUT jack (1/4" phone type) ● **Knobs** FULL RANGE: TWEETER, SUB WOOFER: FREQUENCY, MASTER: VOLUME ● **Switches** MODE, POWER ● **Power Consumption** 92W (AC 117/230/240 V) ● **Dimensions** (incl. casters) 595 (W) x 517 (D) x 581 (H) mm (23-7/16" x 20-3/8" x 22-7/8") ● **Weight** 27.0 kg (59 lbs. 9 oz.) ● **Accessories** Casters x 4, Owner's Manual

SA-300
Stage Amplifier

- *Stereo Four-channel portable PA system*
- *Lightweight (easy to carry) yet powerful*
- *Advanced anti-feedback function*
- *Separate reverb/delay effects*
- *Low Boost switch for powerful low-end*
- *Wide Switch for big stereo effect, plus 3-band EQ*
- *Voice Enhancer for clear, strong vocals*
- *Detachable woofer unit for easy transport*
- *Output Power 2.1 system*

● **Top Panel**

● **Rear Panel**

Specifications

● **Rated Power Output** 350W (75W x 2 + SUBWOOFER 200W) ● **Nominal Input Level (1kHz)** INPUT (MIC): -50dBu, INPUT (PHONE): -20dBu, INPUT (RCA):: -20dBu, STEREO LINK INPUT: 0dBu ● **Nominal Output Level (1kHz)** LINE OUT: +4dBu, BALANCED OUT: +4dBu, STEREO LINK OUTPUT: 0dBu ● **Speakers** 6.5" (16 cm) + Tweeter (Coaxial, 2-way) x 2 ● **Controls** [Channel Controls] CH1/ CH2: INPUT SELECT Button (MIC/LINE), VOICE ENHANCER Button, Channel VOLUME Knob, REVERB/DELAY Knob, ANTI-FEEDBACK Button (ON/OFF), ANTI-FEEDBACK SWEEP Button, CH3/ CH4: INPUT SELECT Button (MIC/LINE), Channel VOLUME Knob, REVERB Knob, PHANTOM Switch, [Master Controls]: Equalizer, LOW Knob, MIDDLE Knob, HIGH Knob, LOW BOOST Button, WIDE Button, MASTER VOLUME Knob, PHONES VOLUME Knob, POWER Switch, GND LIFT Switch ● **Indicators** MIC/LINE (CH1-CH4), ANTI-FEEDBACK ON/OFF (CH1, CH2), ANTI-FEEDBACK SWEEP (CH1, CH2), LEVEL METER, SUBWOOFER ACTIVE ● **Connectors** CH1/ CH2: MIC INPUT Jacks (XLR type, 1/4" TRS phone type), LINE INPUT Jacks (L/MONO, R) (1/4" phone type), CH3/ CH4: MIC INPUT Jacks (XLR type, 1/4" TRS phone type, PHANTOM Power), LINE INPUT Jacks (L/MONO, R) (1/4" phone type), LINE INPUT Jacks (L, R) (RCA phono type), Output: LINE OUTPUT Jacks (L/MONO, R) (1/4" phone type), LINE OUTPUT Jacks (L, R) (XLR type), Stereo Link: STEREO LINK IN Jack (1/4" phone type), STEREO LINK OUT Jacks (L, R) (1/4" phone type), Others: PHONES Jack (Stereo 1/4" phone type), SUBWOOFER OUT Jack (1/4" phone type), Foot SW Jacks (ANTI-FEEDBACK SWEEP) (1/4" phone type), Foot SW Jack (EXP PEDAL / REMOTE SW) (1/4" TRS phone type) ● **Power Supply** AC 117/220/230/240 V (50/60 Hz) ● **Power Consumption** 94W ● **Dimensions** 456 (W) x 343 (D) x 297 (H) mm (18" x 13-9/16" x 11-3/4") ● **Weight** 11.5 kg (25 lbs. 6 oz.) ● **Accessories** Owner's Manual, Speaker Connection Cable ● **Option** Foot Switch: BOSS FS-5L (Mute), FS-5U (ANTI-FEEDBACK / Effect), FS-6, Expression Pedal: EV-5, BOSS FV-300L/ FV-500L/ FV-500H, Connection Cable: PCS-31 <SA-300W (SUBWOOFER)> ● **Speaker** 12" (30 cm) ● **Nominal Impedance** 4 Ω ● **Connection** INPUT Jack (1/4" phone type) ● **Dimensions** 456 (W) x 325 (D) x 510 (H) mm (18" x 12-13/16" x 20-1/8") ● **Weight** 10.5 kg (23 lbs. 3 oz.) ** 0 dBu = 0.775 Vrms*

DS-8/DS-7/DS-5
Bi-Amp Monitors

- *1" x 8" bi-amped speaker combo, 120W power (DS-8)*
- *3/4" x 6.5" bi-amped speaker combo, 60W power (DS-7)*
- *3/4" x 5" bi-amped speaker combo, 45W power (DS-5)*
- *Superb sound quality with precise imaging and balanced energy output (DS-8/5)*
- *24-bit digital input with sample-rate support up to 192kHz*
- *Analog and digital inputs, including XLR, coaxial, and optical; AES/EBU and S/PDIF compatible*
- *Improved cabinet with bi-amp circuit; eliminates phase anomalies*
- *Newly designed heat sink and front-panel power switch; fully compliant with IEC60065 safety standards (DS-8/-7)*
- *Fully compliant with IEC60065 safety standards (DS-5)*

■ **DS-8**
80W (LF) + 40W (HF)

■ **DS-7**
40W (LF) + 20W (HF)

■ **DS-5**
30W (LF) + 15W (HF)

Specifications

<DS-8> ● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 3/4" MDF (Baffle: 1" MDF) ● **LF Driver** 8" (200 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 1" (25 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 58Hz to 24kHz (+/-3dB) ● **Crossover Frequency** 2.3kHz (active fourth order) ● **LF Amplifier Power** 80W ● **HF Amplifier Power** 40W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 125W ● **Dimensions** 254 (W) x 367 (D) x 406 (H) mm (10" x 14-1/2" x 16") ● **Weight** 17.2 kg (37 lbs. 15 oz.) ● **Accessories** Owner's Manual, Power Cord

<DS-7> ● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 5/8" MDF (Baffle: 3/4" MDF) ● **LF Driver** 6-1/2" (160 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 3/4" (19 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 68Hz to 23kHz (+/-3dB) ● **Crossover Frequency** 2.7kHz (active fourth order) ● **LF Amplifier Power** 40W ● **HF Amplifier Power** 20W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 75W ● **Dimensions** 209 (W) x 306.5 (D) x 336 (H) mm (8-1/4" x 12-1/8" x 13-1/4") ● **Weight** 9.7 kg (21 lbs. 7 oz.) ● **Accessories** Owner's Manual, Power Cord

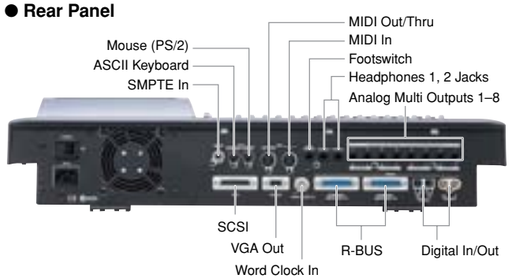
<DS-5> ● **System** 2-Way Bi-Amplified Monitor ● **Enclosure** Bass-reflex type ● **Cabinet** 1/2" MDF (Baffle: 5/8" MDF) ● **LF Driver** 5-1/4" (130 mm) Polypropylene cone type (magnetically shielded) ● **HF Driver** 3/4" (19 mm) Soft dome type (magnetically shielded) ● **Frequency Response** 78Hz to 23kHz (+/-3dB) ● **Crossover Frequency** 3.3kHz (active fourth order) ● **LF Amplifier Power** 30W ● **HF Amplifier Power** 15W ● **Power Supply** AC 117/220/230/240 V (50/60Hz) ● **Power Consumption** 55W ● **Dimensions** 184 (W) x 267.6 (D) x 295 (H) mm (7-1/4" x 10-9/16" x 11-5/8") ● **Weight** 7.2 kg (15 lbs. 14 oz.) ● **Accessories** Owner's Manual, Power Cord ** 0 dBu=0.775 Vrms*

VS-2480CD

24-track/24-bit/96kHz Digital Studio Workstation

V-Studio COSM R-BUS VS Plug-In VGA out

● **Rear Panel**



● **Recording Time**
(at 10GB Partition, conversion in 1 track, unit: minutes)

Recording Mode	Sample Rate 96kHz	88.2kHz	64kHz	48kHz	44.1kHz	32kHz
M24	662	721	993	1,324	1,442	1,987
MTP	1,989	2,165	2,983	3,977	4,329	5,966
M16	994	1,082	1,491	1,989	2,165	2,983
CDR	994	1,082	1,491	1,989	2,165	2,983
MT1	1,989	2,165	2,983	3,977	4,329	5,966
MT2	2,651	2,885	3,976	5,302	5,771	7,953
LIV	3,181	3,462	4,772	6,362	6,925	9,543
LV2	3,977	4,329	5,966	7,955	8,658	11,932

* The above-listed recording times are approximate. Times may vary slightly depending on the specifications of the disk drive and on the number of songs that were created.
* In "CDR" recording mode, two tracks are always used in a pair (channel link is on), so recording time is half the above-listed.

- *Self-contained 24-track/24-bit/96kHz digital recording workstation with onboard effects and CD-burning capabilities*
- *24-track playback; 16-track simultaneous recording with 384 V-Tracks*
- *Includes built-in CD-R/RW and 80GB hard drive**
- *"Drag-and-drop" control using included mouse; also accepts ASCII keyboard (optional)*
- *64-channel, fully automated digital mixer with 17 motorized faders*
- *Professional-quality connections including 8 XLR/16 balanced TRS inputs*
- *2 stereo effects processors (expandable to 8 stereo, 16 mono) including COSM® Mic, Speaker, and Guitar Amp Modeling, plus Mastering Tool Kit*
- *24-Voice Phrase Pads for triggering recorded audio*
- *Dual R-BUS ports for expandable I/O in a variety of analog and digital formats*
- *SMPTE and Word Clock input*
- *VGA Video output for intuitive, software-style editing and mouse control*

**Hard drive is not user-replaceable.*

VS-2480DVD

24-track/24-bit/96kHz Digital Studio Workstation

V-Studio

Record, mix, and master world-class, radio-ready productions with Roland's top-of-the-line VS-2480DVD recorder. With its built-in DVD multi-drive, which can store up to 4.7GB per DVD disc, you'll never need to save across multiple CDs again. Add to that 64-track digital mixing, motorized faders, VGA monitor support, and compatibility with the new VS8F-3 Plug-In Effect Expansion Board—which opens the VS platform to the world of plug-in effects—and you have the ultimate V-Studio for producers and songwriters alike.

*All specifications are the same as VS-2480CD except DVD multi drive.

* The external VGA display is sold separately.

Specifications

● **Tracks** Tracks: 24, V-Tracks: 384 (16 V-Tracks per each Track) ● **Sample Rate** 96.0/88.2/64.0/48.0/44.1/32.0kHz * Adjustable range with vari-pitch function, 22.00kHz to 98.00kHz (at 96kHz), 22.00kHz to 50.00kHz (at 48kHz) ● **Max. Simultaneous Recording/Playback Tracks** Sample Rate 48/44.1/32kHz: [16 tr. Rec/16 tr. Play (M24, M16, CDR), 16 tr. Rec/24 tr. Play (MTP, MT1/2, LIV, LV2)], Sample Rate 96/88.2/64kHz [8 tr. Rec/8 tr. Play (M24, M16, CDR), 8 tr. Rec/12 tr. Play (MTP, MT1/2, LIV, LV2)] * Depending on the organization of the song data or the disk drive performance etc., the number of tracks which can be simultaneously recorded or played back may be limited. ● **Max. Useful Capacity** 910GB: 10GB (Capacity) x 13 (Partition) x 7 (Disk Drive) ● **Frequency Response** 96.0kHz: 20Hz to 40kHz (+0dB/-2dB), 88.2kHz: 20Hz to 40kHz (+0dB/-2dB), 48.0kHz: 20Hz to 22kHz (+0dB/-2dB), 44.1kHz: 20Hz to 20kHz (+0dB/-2dB), 32.0kHz: 20Hz to 14kHz (+0dB/-2dB) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 100 (10 x 10 banks) per project ● **Scene** 100 (10 x 10 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) * Useful simultaneously at up to 48ch in both Input Mixer and Track Mixer. ● **Dynamics Processor** Compressor, Expander * Useful simultaneously at up to 48ch in both Input Mixer and Track Mixer. Compressor + Expander * Useful simultaneously at up to 24ch in Input Mixer or Track Mixer. * If this type is used at Mixer section, Dynamics cannot be used in the other Mixer. ● **Effects** Max. 8 stereo (One pre-installed + 3 more optional Effect Expansion Boards) ● **Display** 320 x 240 dots Graphic LCD (with backlit) ● **Power Consumption** 80W (AC 117/230/240 V) ● **Dimensions** 620 (W) x 520 (D) x 138 (H) mm (24-3/8" x 20-1/2" x 5-7/16") ● **Weight** 13.4 kg (29 lbs. 9 oz.) ● **Accessories** Demo CD, PS/2 Mouse, Short Cut Seal, AC Cord ● **Options** Effect Expansion Board (VS8F-2, VS8F-3), Dynamic Microphone, R-BUS Cable, Footswitch (FS-5U), Pedal Switch (DP-2)
<Slim DVD MULTI Drive Built-in Type> ● **Read speed** DVD-ROM: Max 8X CAV, CD-ROM: Max 24X CAV ● **Maximum Write speed** CD-R: Max16X Zone CLV, CD-RW: 4X CLV, High Speed CD-RW: 8XCLV, DVD-R: 2XCLV, DVD-RW: 1XCLV ● **Support Buffer Underrun Free Recording (SmoothLink™)** ** 0 dBu=0.775 Vrms*

VS-2400CD

24-track/96kHz/24-bit Digital Studio Workstation

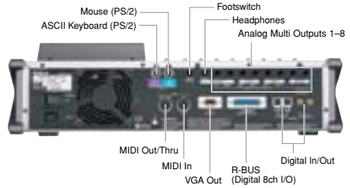
V-Studio COSM V-LINK R-BUS VS Plug-In Roland Sound Space VGA out

- *Self-contained 24-track/24-bit/96kHz recording workstation with onboard effects, built-in CD-RW drive, and 40GB hard disk*1*
- *24-track playback; 16-track simultaneous recording*2 with 384 V-Tracks*
- *48-channel, fully automated digital mixer with 13 motorized faders*
- *8 XLR/TRS balanced inputs and Hi-Z input; 8 analog outputs including 5.1 Surround output; R-BUS and digital I/O*
- *Intuitive software-style control via mouse and VGA monitor output*
- *New RSS® surround panning creates a 3-Dimensional mixing field*
- *Import .WAV/AIFF files from CD-ROM; export in .WAV format*
- *V-LINK function for synchronizing or controlling Edirol video equipment (sold separately)*

**1 Hard drive is not user-replaceable.*

**2 16-track simultaneous recording requires optional 8-channel R-BUS device.*

● **Rear Panel**



● **Recording Time** **(at 10GB Partition, conversion in 1-track, unit: minutes)**

Recording Mode	Sample Rate 96kHz	88.2kHz	64kHz	48kHz	44.1kHz	32kHz
M24	658	716	987	1,316	1,433	1,975
MTP	1,977	2,152	2,966	3,954	4,305	5,932
M16	988	1,076	1,483	1,977	2,152	2,966
CDR	988	1,076	1,483	1,977	2,152	2,966
MT1	1,977	2,152	2,966	3,954	4,305	5,932
MT2	2,635	2,866	3,953	5,271	5,732	7,907
LIV	3,163	3,442	4,744	6,326	6,885	9,489
LV2	3,954	4,304	5,932	7,909	8,609	11,864

* The above-listed recording times are approximate. Times may vary slightly depending on the specifications of the disk drive and on the number of songs that were created.
* In "CDR" recording mode, two tracks are always used in a pair (channel link is on), so recording time is half the above-listed.
* Maximum recording time of VS-2400CD is approximately four times of above recording time. (10GB x 4 Partitions)

Specifications

● **Tracks** Tracks: 24, V.Tracks: 384 (16-V.Tracks per each Track) ● **Sample Rate** 96.0/88.2/64.0/48.0/44.1/32.0kHz *Adjustable range with vari-pitch function, 22.00kHz – 98.00kHz (at 96kHz), 22.00kHz – 50.00kHz (at 48kHz) ● **Recording Mode** Mastering 24-bit/16-bit (M24/16), Multitrack Pro (MTP), CD Writing (CDR), Multitrack 1/2 (MT1/2), Live 1/2 (LIV/LIV 2) ● **Max. Simultaneous Recording/play back Tracks** <Sample Rate 48/44.1/32kHz> 16-tr. Rec/16-tr. Play (M24/16, CDR), 16-tr. Rec/24-tr. Play (MTP, MT1/2, LIV/LIV 2) <Sample Rate 96/88.2/64kHz> 8-tr. Rec/8-tr. Play (M24/16, CDR) 8-tr. Rec/12-tr. Play (MTP, MT1/2, LIV/LIV 2) * Depending on the organization of the song data etc., the number of tracks which can be simultaneously recorded or played back may be limited. ● **Max. Useful Capacity** 40GB: 10GB (Capacity) x 4 (Partition) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 100 (10 x 10 banks) per project ● **Scene** 100 (10 x 10 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) *Useful simultaneously at up to 32ch in both Input Mixer and Track Mixer. (at 48kHz or less.) *Useful simultaneously at up to 16ch in both Input Mixer and Track Mixer. (at 64kHz or above.) ● **Dynamics Processor** Compressor, Expander *Useful simultaneously at up to 32ch in both Input Mixer and Track Mixer. (at 48kHz or less.) *Useful simultaneously at up to 16ch in both Input Mixer and Track Mixer. (at 64kHz or above.) ● **Effects** Max. 4 stereo (One pre-installed + One more optional Effect Expansion Board) ● **Hard Disk Drive** IDE type 3.5" 40GB ● **CD-RW Drive** Reading Speed: 24x (max.), Recording Speed: Record (CD-R) 4x correspond, Re-Write (CD-RW) 4x correspond ● **Power Consumption** 60W (AC117/230/240 V) ● **Dimensions** 480 (W) x 481 (D) x 136 (H) mm (18-15/16" x 18-15/16" x 5-3/8") ● **Weight** 10.5 kg (23 lbs. 3 oz.) ● **Accessories** R-BUS Equipment Connection and Setting Guide 2, Block diagram, Demo CD, CD-R Disc, PS/2 Mouse, Shortcut Seal, AC Cord ● **Options** Effect Expansion Board (VS8F-2, VS8F-3), Dynamic Microphone, R-BUS Cable, Footswitch (FS-5U), Pedal Switch (DP-2) ** 0 dBu=0.775 Vrms*

VS-2000CD

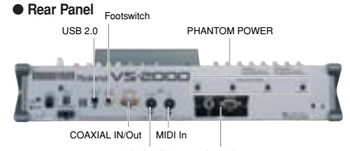
Digital Studio Workstation

V-Studio COSM V-LINK USB 2.0 VS Plug-In Roland Sound Space

- *20-track digital studio with 40GB hard drive*, CD-RW drive, and plug-in support*
- *18 playback tracks, 320 V-Tracks, and stereo mastering track*
- *Support for 24-bit and 16-bit recording at 44.1kHz*
- *Eight balanced XLR/TRS inputs with phantom power*
- *40-channel digital mixer with channel dynamics and 4-band EQ, onboard effects, and mastering tools*
- *New Harmony Sequence function adds realistic harmonies to vocals*
- *3rd-party plug-in support with optional VS8F-3 Effect Expansion Boards*
- *USB 2.0 for hi-speed data transfer, WAV/AIFF import, WAV export*

**Hard drive is not user-replaceable.*

● **Rear Panel**



** Shown with the optional VS20-VGA VGA/Mouse Expansion.*

● **Option**

VS20-VGA

VS-2000 VGA/Mouse Expansion

VGA out

Specifications

● **Tracks** Tracks: 18 + 2 Master Tracks, V-Tracks: 320 (16 V-Tracks per each Track) ● **Sample Rate** 44.1kHz ● **Recording Mode** Linear 24-bits (M24), Linear 16-bits (M16), CD Writing (CDR) **Master tracks only* ● **Max. Simultaneous Recording/Playback Tracks** 8 tr. Rec/18 tr. Play (M16), 8 tr. Rec/12 tr. Play (M24) **Depending on the organization of the song data, the disk drive performance, etc., the number of tracks that can be simultaneously recorded or played back may be limited.* ● **Internal Hard Disk Drive Capacity** 40GB ● **Recording Time (10GB Partition, calculated for 1 track)** 1,432 min. (M24), 2,152 min. (M16) *The above-listed recording times are approximate. Times may varies slightly depending on the specifications of the disk drive and the number of songs that were created. *Maximum recording time of VS-2000CD is approximately 4 times of above recording time. (approximately 10GB x 4 partitions) ● **Frequency Response** 20Hz—20kHz (+0dB/-2dB) ● **Projects** 200 projects in each partition ● **Marker** 1000 per project ● **Locator** 96 (16 x 6 banks) per project ● **Scene** 96 (16 x 6 banks) per project ● **Undo/Redo** 999 Undo/1 Redo ● **EQ** 4-band (2 shelving + 2 peaking) ● **Dynamics Processor** Compressor, Expander ● **Effects** Maximum 6 stereo (One pre-installed + 2 more optional Effect Expansion Boards) ● **Interface** Digital I/O: Coaxial (conforms to IEC60958), MIDI: 5-pin DIN, USB: USB2.0 Mass Storage ● **Hard Disk Drive** 3.5-inch, 40GB ● **CD-RW Drive** Reading Speed: 24x (max.), Recording Speed: Supports 4x speed writing (CD-R), Supports 4x speed rewriting (CD-RW) ● **Power Supply** DC 12 V (AC Adaptor) ● **Current Draw** 3.6A ● **Dimensions** 466 (W) x 371 (D) x 118 (H) mm (18-3/8" x 14-5/8" x 4-9/16") ● **Weight** 6.7 kg (14 lbs. 13 oz.) ● **Accessories** Owner's Manual, Appendices, Mixer Block diagram, Application Software CD (VS-2000 Wave Converter), Short Cut Seal, Power Cord, AC Adaptor (PSB-3U) ● **Options** Effect Expansion Boards: (VS8F-2, VS8F-3), Foot Switch: FS-5U (BOSS), Pedal Switch: DP-2 ** 0 dBu=0.775 Vrms*

VS8F-3
Plug-In Effect Expansion Board

The best of computer-based recording comes to the standalone digital recording world! Now you can add plug-ins to your Roland VS-series digital recorders with the groundbreaking new VS8F-3 Plug-In Effect Expansion Board. Each VS8F-3 board is capable of loading two high-quality plug-ins at a time. Five plug-ins are provided free of charge from Roland, and you can purchase others from a selection of the world's best 3rd-party plug-ins. The sound quality is world-class, thanks to 56-bit internal processing and up to 96kHz resolution.

- *Open platform card adds powerful plug-in processing to the latest V-Studios*
- *Superb sound quality: 56-bit processing and up to 96kHz sampling rate*
- *Runs two stereo (four mono) plug-ins at 48kHz or one stereo (two mono) plug-in(s) at 96kHz*
- *Includes five Roland plug-ins, plus support for optional 3rd-party plug-ins*
- *Install up to two plug-ins per card*
- *Compatible with VS-2000CD/2400/2480 series recorders; also supports VS-1680/1880/1824 models with CD-R/RW drive*

Roland VS Plug-Ins

The VS8F-3 Setup Disc includes five Roland plug-ins.

● STEREO REVERB

A brand new, true Stereo Reverb from Roland. Great for giving your drums and vocals a rich spatial effect, or will processing stereo-mic'ed tracks such as background vocals, or overhead drum mics. There effect has a compressor in front of the reverb to let you tailor the 56-bit processor just the way you want it.

● TEMPO MAPPING EFFECT

The Tempo-Mapping Effect will let you sync a delay to the tempo of your song. This is a great effect for dance or other heavily rhythmic forms of music. It can be used as a stereo insert or even in a dual-mono mode.

● PRE-AMP MODELING

The Pre-amp Modeling effect gives you more options for warming up your vocals and acoustic instruments. Use one of the preset models of some of the most popular current mic pres, or create your own. It also includes a 56-bit compressor/expander, 4 bands of EQ, and de-esser for use with vocals.

● MASTERING TOOL KIT

This enhanced version of the very popular Mastering Tool kit has multi-band dynamics and lots of other tools. Two of these new MTKs can be loaded at the same time in one VS8F-3, each with independent parameters. So one card can run up to 2 stereo MTK presets. This new flexibility makes the new MTK great for recording stereo tracks like pianos or background vocals that require multi-band dynamics and EQ.

● VOCAL CHANNEL STRIP

This is a brand new Vocal Channel Strip including a Compressor/Expander, Enhancer/De-esser, EQ, Pitch-Shifter, Chorus, and Delay.

VS8F-2
Effect Expansion Board

- *User-installable effects expansion board which gives VS-2480CD/2480DVD/2400CD/2000CD owners two stereo multi-effects processors*
- *Includes a variety of studio reverbs, delays, and chorus effects as well as innovative new effects such as Speaker Modeling*
- *Up to three boards can be installed into the VS-2480CD/2480DVD for a total of 8 stereo or 16 mono channels of automated effects processing*

3rd-Party VS Plug-Ins™

Making news and winning awards around the world is Roland's groundbreaking VS8F-3 Plug-In Expansion Board for VS recorders. It's a best-of-both-worlds platform, as you get the stability of standalone digital recording with the expandability and power of software plug-ins. Each VS8F-3 board is capable of loading up to two high-quality plug-ins from Roland, or from 3rd-party developers (available separately from Roland). And not just for new VS recorders, the VS8F-3 is compatible with the VS-1680/-1880/-1824CD models as well!

ANTARES
WHERE THE FUTURE'S STILL WHAT IT USED TO BE

Auto-Tune VS

Auto-Tune VS corrects pitch problems in vocals or solo instruments in real time, without distortion or artifacts, while preserving all of the expressive nuances of the original performance. Use preset scales or create custom scales to match any harmonic structure.

IK MULTIMEDIA

T-RackS VS

T-RackS VS is the premiere analog mastering software suite, offering all the necessary tools for professional mastering. The processing, including EQs and Dynamics, is based on physically modeled analog sounds from rare vintage hardware mastering equipment. This high quality processing makes T-RackS very easy to use and results in highly professional-sounding mixes.

Massenburg DesignWorks

Hi-Resolution Parametric EQ

This 4-band EQ using Hi-Resolution technology gives professionals a precision EQ with analog smoothness. The new MDW parametric EQ for Roland VS-Series is a Double Precision plug-in with unprecedented clarity, fast response, and superlative smoothness, especially in the high frequency audio spectrum.

Chrome Tone Amp

From guitars to keyboards, drums and even voice, Chrome Tone Amp brings the world of custom guitar amps and boutique pedal effects to your V-Studio. Chrome Tone Amp features a 5-stage distortion and a unique bandpass distortion for creative non-traditional applications. Chrome Tone Amp also has full-featured compression, gating, 3-band EQ, spring reverb, and a multi configuration cabinet simulator with close and room mic positions.

soundtoys
AUDIO WITH ATTITUDE

SoundBlender VS

SoundBlender brings professional studio-quality pitch shifting effects to the Roland VS platform. Perfect for the guitarist, SoundBlender has two channels of intelligent pitch-shifting, dual resonant filters, echo and reverse echo processors, arpeggiation, and more.

t.c. electronic
ULTIMATE SOUND MACHINES

TCR 3000 Pro Class Reverb

The T.C.Electronic TCR 3000 delivers 16 of T.C.'s finest reverbs. The dedicated controls and 100 great sounding presets help you achieve your desired sound in seconds.The reverb algorithms include Classic Hall, Vocal Studio, Room, Drum Box, Cathedral, and more with easy-to-use but sophisticated controls for customizing the sound.

UNIVERSAL AUDIO

VS-LA2A

Designed by the same manufacturer of the classic hardware version, the VS-LA2A is an exacting emulation of the original, putting this legendary compressor in your V-Studio. And operation is simple, thanks to a dedicated Limit/Compress switch and Input/Peak Reduction knobs.

VS-1176LN

This software version of Universal Audio's classic limiting amplifier offers ultra-fast attack time and analog warmth, perfect for a variety of dynamics processing applications. Like the original, the VS-1176LN supports the popular "All Buttons" mode.

Compressor Bundle

The bundle package (VS-LA2A+VS-1176LN) from Universal Audio is also available.

AT-90SL
Atelier®

Roland Sound Space

- *56-note upper manual with aftertouch, 76-note lower manual, 25-note wooden pedalboard, 256-voice polyphony*
- *6 full-range speakers, 1 woofer, 4 tweeters for outstanding sound; total 240W rated power output*
- *421 high-quality organ and instrument voices, 252 "live drum" rhythm patterns*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Onscreen Digital Harmonic Bar for Flute, Theater, and Pipe, with Footage and Footage Type buttons on top of the panel*
- *More than 4,000 onboard presets with One-Touch Program*
- *Enhanced Music Assistant function with 2,200 settings and search feature*
- *24 Harmony Intelligence settings, 188 Quick Registrations*
- *7-track recorder and 3.5" floppy disk drive for full Atelier compatibility*

GENERAL midi2 XG XGlite SMF LYRICS ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Pedalboard** 25 ● **Voices** 421 ● **Music Styles** 252 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 18 Drum Sets+1 SFX Set ● **Manual Percussion Sets** 14 sets ● **Effects** Rotary Sound, RSS Reverb, Sustain, Glide, Pitch Bend, Vibrato, Lower Voice Hold ● **Registration Memories** 12 ● **Composer** Tracks: 7 ● **Disk drive** 3.5" FDD ● **Rated Power Output** 10W + 10W + 60W + 60W + 100W (low-range) ● **Speakers** 5 cm x 4, 8 cm x 2, 16 cm x 4, 30 cm x 1 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedal** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Aux Out jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, Video Out, AC Inlet ● **Power Consumption** 380W (AC 117/230/240 V) ● **Finish** Dark Walnut ● **Dimensions (incl. stand)** 1,374 (W) x 999 (D) x 1,349 (H) mm (54-1/8" x 39-3/8" x 53-1/8") ● **Weight (incl. stand)** 193.6 kg (426 lbs. 13 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord, Pedalboard, Bench

AT-80SL
Atelier®

Roland Sound Space

- *56-note upper manual with aftertouch, 76-note lower manual, 20-note pedalboard, 192-voice polyphony*
- *6 full-range speakers, 1 woofer total 240W rated power output*
- *Over 3,500 presets with One-Touch Program, 421 high-quality organ and instrument voices, 222 "live drum" rhythm patterns, 18 Harmony Intelligence settings, 188 Quick Registrations*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Onscreen Digital Harmonic Bar for Flute option*
- *Music Assistant function with 1,800 settings and search feature*
- *7-track recorder and 3.5" floppy disk drive*

GENERAL midi2 XG XGlite SMF LYRICS ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Voices** 421 ● **Music Styles** 222 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 18 Drum Sets+1 SFX Set ● **Effects** Rotary Sound, Chorus, Sustain, Vibrato, Pitch Bend, Glide, RSS Reverb ● **Registration Memories** 12 ● **Composer** Tracks: 7 ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 10W + 10W + 60W + 60W + 100W (low-range) ● **Speakers** 8 cm x 2, 16 cm x 4, 30 cm x 1 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedals** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, AC Inlet, Aux Out jack, Video Out jack ● **Power Consumption** 340W (AC 117/230/240 V) ● **Finish** Dark Walnut/Oak ● **Dimensions (incl. stand)** 1,350 (W) x 649 (D) x 1,328 (H) mm (53-3/16" x 25-9/16" x 52-5/16") ● **Weight (incl. stand)** 128.5 kg (283 lbs. 5 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord ● **Option** Bench (BNC-60, BNC-60-AK)

● **Options**

BNC-60 (for AT-80SL/60SL)
BNC-60-AK (for AT-80SL-AK)
Organ Benches

■ BNC-60

AT-60SL
Atelier®

- *56-note upper manual with aftertouch sensitivity, 76-note lower manual, 20-note pedalboard, 128-voice polyphony*
- *4 full-range speakers; total 80W rated power output*
- *Over 2,900 onboard presets with One-Touch Program, 295 high-quality organ and instrument voices, 182 "live drum" rhythm patterns, 12 Harmony Intelligence settings, 108 Quick Registrations*
- *Full-color LCD touch screen with intuitive, user-friendly menus*
- *Music Assistant function with 1,400 settings and search feature*
- *7-track recorder and 3.5" floppy disk drive*

GENERAL midi2 XG XGlite SMF LYRICS ism

Specifications

● **Manuals** Upper 56, Lower 76 ● **Voices** 295 ● **Music Styles** 182 ● **Number of Accompaniment/SMF play voices** 226 ● **Drum/SFX Sets** 16 Drum Sets + 1 SFX Set ● **Effects** Rotary Sound, Chorus, Sustain, Vibrato, Pitch Bend, Glide, Reverb ● **Registration Memories** 8 ● **Composer** Tracks: 7 ● **Disk Drive** 3.5" FDD ● **Rated Power Output** 40W + 40W ● **Speakers** 8 cm x 2, 25 cm x 2 ● **Display** Graphic 320 x 240 dots backlit color LCD with touch screen ● **Pedals** Expression Pedal (ready for the Active Expression feature), Damper pedal ● **Connectors** Phones jack (stereo), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic Input jack, MIDI connectors (In, Out), Computer connector, AC Inlet ● **Power Consumption** 130W (AC 117/230/240 V) ● **Finish** Satin Mahogany ● **Dimensions (incl. stand)** 1,338 (W) x 649 (D) x 1,316 (H) mm (52-11/16" x 25-9/16" x 51-13/16") ● **Weight (incl. stand)** 109.0 kg (240 lbs. 5 oz.) ● **Accessories** 3.5" micro floppy disk (2HD blank disk), Music Style Disk x 3, Power Cord ● **Option** Bench (BNC-60)

● **Option**

BNC-60 (for AT-80SL/60SL)
Organ Bench

AT-45
Atelier®

- *Mid-range Atelier Spinet organ with built-in full-range sound system and reverb*
- *185 high-quality organ and instrument sounds*
- *110 music styles (most featuring "live-drums"), 880 One Touch programs*
- *Music Assistant function with 1,000 settings and search feature*
- *Extended 64-note lower manual with Split function*
- *Built-in floppy drive for exchanging data with other AT models*
- *Intuitive color touchscreen with score/lyric display, plus V-LINK*

GENERAL midi2 XG XGlite SMF LYRICS ism

Specifications

● **Manuals** Upper 49, Lower 64 ● **Pedalboard** 20 ● **Voices** 185 ● **Music Styles** 110 ● **Number of Accompaniment/SMF play voices** 226 ● **Drums/SFX Sets** 12 Drum sets + 1 SFX set ● **Effects** Rotary Sound, Reverb, Sustain, Glide, Pitch Bend, Vibrato, Lower Voice Hold ● **Registration Memories** 8 ● **Composer** Tracks: 7 ● **Disk drive** 3.5" FFD ● **Rated Power Output** 35W + 35W ● **Speaker** 25 cm x 2 ● **Display** Graphic 320 x 240 dots backlit LCD with touch screen (Color) ● **Pedals** Damper pedal, Expression Pedal ● **Connectors** Phones jack (Stereo) x 2, AC Inlet, Pedal connectors, MIDI connectors (In, Out), Audio Output jacks (L/mono, R), Audio Input jacks (L/mono, R), Mic jack ● **Power Consumption** 120W (AC 117/230/240 V) ● **Finish** Satin Mahogany ● **Dimensions (incl. stand)** 1,242 (W) x 570 (D) x 1,225 (H) mm (48-15/16" x 22-1/2" x 48-1/4") ● **Weight (incl. stand)** 84.0 kg (185 lbs. 3 oz.) ● **Accessories** Power Cord, 3.5" micro floppy disk (2HD Blank Disk), Music Style Disk, World Style Disk ● **Option** Bench (BNC-15)

AT-15
Atelier®

- *Atelier organ with 49-key upper manual, 61-key lower manual, and 20-key pedalboard*
- *Authentic rhythm patterns recorded by professional drummers*
- *3.5" floppy drive for loading Standard MIDI Files, etc.*
- *8 Registration memories, plus Split function for playing duos*
- *One Touch Program provides auto-accompaniment in various styles*
- *High-quality Reverb effect and Harmony Intelligence function*

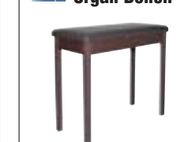
GENERAL midi2 XG XGlite SMF LYRICS ism

Specifications

● **Manuals** Upper: 49 Lower: 61 Pedalboard: 20 ● **Voices** 108 (incl. 4 Active Expression voices) ● **Number of Accompaniment/SMF Play Voices** 226 ● **Drum/SFX Sets** 8 Drum Sets / 1 SFX Set ● **Effects** Rotary Sound, Reverb, Glide, Sustain ● **Music Styles** 62 (in 8 categories, Overwritable Styles: 4) ● **Registration** Memories: 8 ● **Composer** Tracks: 7 (playback) ● **Disk Drive** 3.5" FDD ● **Display** 16 characters x 2 lines (backlit LCD), Bouncing Beat Indicator ● **Rated Power Output** 20W x 2 ● **Speakers** 6" (16 cm) x 2 (Full Range) ● **Pedals** Expression (ready for the Active Expression feature), Damper, Two footswitches (assignable) ● **Connectors** AC inlet, Headphones (stereo), Audio Output (L/Mono, R), Audio Input (L/Mono, R), MIDI (In, Out) ● **Power Consumption** 65W (AC 117/230/240 V) ● **Finish** Simulated Mahogany ● **Dimensions** (incl. stand) 1,230 (W) x 515 (D) x 1,060 (H) mm (48-7/16" x 20-5/16" x 41-3/4") ● **Weight** (incl. stand) 49 kg (108 lbs. 1 oz.) ● **Accessories** 3.5" floppy disk (blank disk), Music Style disk, Cloth Keyboard Cover ● **Option** Bench (BNC-15)

● **Option**

BNC-15-DR (for AT-45/AT-15)
Organ Bench



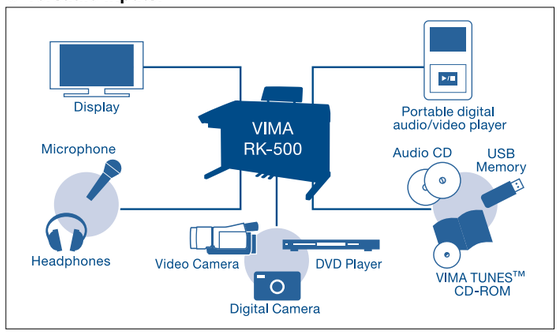
VIMA RK-500 NEW
Recreational Keyboard

VIMA is a revolutionary instrument that can transform any room into an interactive theater of sight and sound. The flagship VIMA RK-500 is packed with hundreds of great sounds and an expandable library of timeless songs for the ultimate in home entertainment. Videos and digital images can be incorporated with the music, and two microphones can be connected for the ultimate home karaoke experience, complete with voice effects and scrolling onscreen lyrics. The RK-500 can also display musical notation and piano-roll simulations as the songs play.

- *Friendly operation with large buttons and touch-screen LCD*
- *Perfect for first timers and pros alike; Melody Guide and Melody Mute functions make playing fun and easy*
- *Three Recommended Tones per song from VIMA TUNES™ library and on-board songs; Tones are automatically loaded with each song*
- *CDs and DVDs can be incorporated for karaoke or play-along fun; minimize an existing song's vocal track or change keys using RK-500's intelligent audio-control functions*
- *VIMA TUNES CD-ROM offers a wide variety of performance-ready hits, lyrics, and beautiful digital images*
- *Digital slideshows are provided on VIMA TUNES CD-ROM; personal slideshows can be played via connected digital camera*
- *Video camera, DVD player, and portable digital audio/video device, can be connected and incorporated into performance*
- *Video-switching buttons provide easy control over visuals*
- *Two microphones inputs, voice effects, and multi-colored lyric display for karaoke enjoyment*
- *Piano Roll mode provides visual enhancement*
- *Digital videos can be displayed on a large-screen TV simultaneously as they are being filmed on on-board large WVGA display*
- *DigiScore displays notes and lyrics onscreen in realtime*

■ LCD touch screen

● Versatile Inputs.



Specifications

GENERAL midi2 XG XGlite SMF LYRICS

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer Action Keyboard with Escapement) ● **Touch Sensitivity** Medium, Heavy, Light, Fixed **[Sound Generator]** ● **Conforms to** GM2 / GM / GS / XG Lite ● **Max. Polyphony** 128 voices ● **Tones** 264 tones, (including 8 drum sets + Sound Effects, Manual Drums ● **Effect** Reverb: OFF, 1 to 10 levels ● **Tempo** 50 to 200 % (Quarter Note=10 to 500) ● **Beat** 2/2, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Melody Channel** 1 to 16 ● **Key Control** -6 to +5 semitone **[Video]** Piano Roll, Slide Show, DigiScore, Lyrics, Cam1, Cam2, DVD, Ext In, Transition **[Internal Memory]** ● **Internal Songs** Over 60 songs ● **Internal Photos** Over 400 photos ● **User Memory** 128 MB (approx. 200 songs*) **[External Storage]** ● **USB Flash Memory** Playable File Format: Standard MIDI Files (Format 0/1), JPEG pictures, Save: Standard MIDI Files (Format 0) ● **CD Drive** File System: CD-ROM (ISO9660 Level 1), Audio CD, Playable File Format: Standard MIDI Files (Format 0/1), JPEG picture **[Connectors]** Audio Output jacks (L/Mono, R), Expression jack, Cam1 jacks (Video, S-Video), Cam2 jacks (Video, S-Video), Video Output jacks (Video, S-Video), Analog RGB Output connector (15-pin D-Sub type), USB connector, Ext In jacks (Video, L, R), Headphone Jack (Stereo) x 2, Mic Input Jack (Vocal) x 2, DVD input jacks (Video, S-Video, L, R), MIDI connectors (IN, OUT), USB memory connector **[Other]** ● **Rated Power Output** 50W x 2 ● **Speakers** 20 cm x 2, 8 cm x 2 ● **Display** Graphical Color LCD touch screen (TFT) 800 x 480 dots (with backlit) ● **Pedal** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition), Sostenuto Pedal ● **Vocal Echo** Echo, Voice Effects ● **Vocal Effects** Pitch Correct, Music Files, Kids, Bear, Robot, Duck, Alien, Computer, Female, Male ● **D Beam** Pitch, Filter, Volume, Snare Roll, Applause, Wind Chime ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 230W ● **Dimensions (incl. piano stand)** 1,395 (W) x 568 (D) x 851 (H) mm (54-15/16" x 22-3/8" x 33-9/16") (incl. music rest) 1,395 (W) x 611 (D) x 1,030 (H) mm (54-15/16" x 24-1/16" x 40-9/16") ● **Weight** 56 kg (123 lbs. 8 oz.), stand 27 kg (59 lbs. 9 oz.) ● **Accessories** Application Guide, Owner's Manual, Sample disc of VIMA TUNES™, Note ID Label (2 types), Drum Key-Map Label, Remote Control, Dry-cell Battery, Key Cover, Music Rest, Headphones Hook, Power Cord ● **Options** Camera Stand: BST-RK500, DVD Stand: DST-RK500, USB memory, Expression Pedal: EV-5, EV-7 ** Number of songs may vary depending on the size of each song.*

● Options

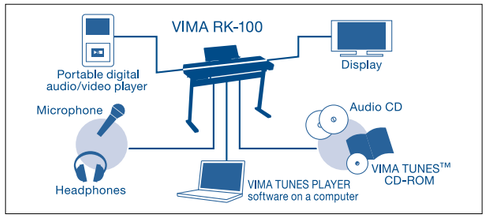
BST-RK500
Camera Stand

DST-RK500
DVD Stand

The digital still camera and DVD player shown in the photos are sold separately.

M-UF128
USB Flash Memory

VIMA RK-100 NEW
Recreational Keyboard



- *VIMA power at a reduced size and price*
- *Friendly practice features for beginners, including Recommended Tone button, Tempo Adjustment, Melody Guide, Melody Mute*
- *Easy integration with external devices such as audio-CD and portable digital-audio/movie players*
- *Personal CDs can be played through RK-100; Center Cancel function can minimize pre-recorded vocals for play along and karaoke-style sing-along*
- *Karaoke songs with lyric display onboard; additional songs can be loaded from VIMA TUNES™ CD-ROM or other sources*

Specifications

GENERAL midi2 XG XGlite SMF LYRICS

[Keyboard] ● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Conforms to** GM2 / GM / GS / XG Lite ● **Max. Polyphony** 64 voices ● **Tones** 264 tones, (including 8 drum sets + Sound Effects, Manual Drums) ● **Tempo** 50 to 200 % ● **Key Control** -6 to +5 semitones **[Internal Memory]** ● **Internal Songs** 34 songs ● **User Memory** 5 MB (99 songs* maximum) **[External Storage]** ● **CD Drive** File System: CD-ROM (ISO9660 Level 1), Audio CD, Playable File Format: Standard MIDI Files **[Connectors]** Audio Output jacks (L/Mono, R), Headphone Jack (Stereo) x 2, Mic Input Jack (Vocal) x 2, MIDI Connectors (IN, OUT), Expression Pedal Jack, Damper Pedal Jack, USB Connector, Ext In jacks (Video, L, R), Video Out Jack **[Others]** ● **Rated Power Output** 14.8W x 2 ● **Speakers** 10 cm x 2 ● **Display** 240 x 92 dots (backlit graphic LCD) ● **Vocal Echo** Echo ● **Power Supply** DC 12 V (AC Adaptor) ● **Current Draw** 4000mA ● **Dimensions** 1,119 (W) x 378 (D) x 144 (H) mm (44-1/16" x 14-15/16" x 5-11/16") ● **Weight (excl. AC adaptor)** 9.2 kg (20 lbs. 5 oz.) ● **Accessories** Music Rest, Owner's Manual, AC Adaptor, Sample disc of VIMA TUNES™, Note ID Label (2 types), Drum Key-Map Label ● **Options** Keyboard Stand: KS-RK100, USB memory, Expression Pedal: EV-5, Pedal Switch: DP Series ** Number of songs may vary depending on the size of each song.*

■ Photograph shows the VIMA mounted on an optional stand (KS-RK100).

VIMA TUNES™ NEW
VIMA TUNES™ Libraries

The CD and jewel case designs are subject to change without notice.

Enjoy timeless hits with VIMA — songs that inspired you with moving melodies that you've always wanted to play.

Choose the songs you love, and enjoy the pleasures of music accompanied by images. VIMA TUNES CD-ROM discs are formatted for use with VIMA keyboards, so you can simply load and play. Scored for easy sight-reading, the E-Z PLAY® TODAY* series features well-loved songs from generations past. As new titles appear in the VIMA TUNES CD-ROM series, your personal library of songs and images can continue to expand.

**E-Z PLAY is a registered trademark of the HAL LEONARD CORPORATION.*

E-Z PLAY TODAY music score collection

- *Beginners will appreciate E-Z PLAY TODAY easy-to-read pitch-notation scores presented in large characters.*
- *All the necessary visual representations are shown, including ♯(sharp) and ♭(flat) semitone markers. Since the black keys are clearly indicated, you are less likely to make mistakes: There is no need to understand music theory or notation.*
- *Chords and lyrics are also easy to see. This makes playing and singing much easier.*

VIMA TUNES CD-ROM (CD that enables use of E-Z PLAY TODAY libraries)

- *The VIMA TUNES CD-ROM features music from the E-Z PLAY TODAY libraries in VIMA TUNES *1 data format. During playback, it is possible to put on an attractive slideshow* that compliments the music and adds another dimension of entertainment and pleasure.*
- *For each song, you can use the Recommended Tone feature to activate settings optimized for the selected melody. While you're playing, you can easily build up the song by switching from piano for the intro to flute for the main passage, for example, and to swelling strings for the ending.*
- *Using Melody Mute, you can silence the melody part and sing along karaoke-style while playing a one-handed accompaniment.*

**The slideshow function can only be enjoyed with the RK-500 and VIMA TUNES PLAYER*2.*

**1 VIMA TUNES*

VIMA TUNES is a Roland standard that enables still-image and lyric display during music playback. You can enjoy slideshows and lyrics for karaoke on external displays, such as large-screen TVs, when you play back VIMA TUNES on VIMA itself or on devices that bear the VIMA TUNES logo, plus computers installed with the VIMA TUNES PLAYER.

**2 VIMA TUNES PLAYER*

VIMA TUNES PLAYER is a software application that enables playback of VIMA TUNES data on a computer for slideshow+music and onscreen lyric display. While reading an E-Z PLAY TODAY score, you can play along using other instruments played through the keyboard. Because you can set speed and pitch any way you want, you can adapt playback to make it easier to learn vocal parts or to practice pieces.

A diverse lineup of songs has already been prepared, with many more titles planned for the future.

KR117M/KR115M/KR115
KR-Intelligent Grand

DigiScore V-LINK Touch the Notes VGA out

- *Solid Progressive Hammer-Action Keyboard with Escapement*
- *320 x 240 color touchscreen display with VGA output for external display*
- *88-key multi-sampled piano Tones, 780 instrument sounds*
- *128-voice polyphony*
- *310 (KR117M)/285 (KR115M/KR115) internal Music Styles, Visual Arranger*
- *Over 550 Music Assistants, plus Visual Music Assistant*
- *Visual Lesson and Wonderland interactive music games*
- *DigiScore® music, lyric, chord, and fingering in LCD display*
- *2 USB host ports, USB-MIDI, XLR out, microphone input*
- *280W (KR117M)/140W (KR115M/KR115) full-range sound system with resonating soundboard and Advanced 3D Surround*
- *CD drive, Player-Piano Moving Keys (KR117M/KR115M only)*
- *Full-size grand cabinet in polished ebony*

■ KR117M-PE

■ KR115M-PE

■ KR115-PE

GENERAL midi2 XG XGlite SMF LYRICS USB USB MEMORY ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Solid Progressive Hammer-Action Keyboard with Escapement), Automatic Keyboard Movement (KR117M /KR115M only), Wood-tone sides (KR117M only) ● **Touch Sensitivity** 100 levels ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator (Conforms to GM2 / GS / XG Lite)]** ● **Max. Polyphony** 128 voices ● **Tones** 6 groups 780 variations (incl. 8 tone wheel Organs, 17 drum sets, SFX set) ● **Temperament** 8 types, selectable tonic ● **Transposition** Key Transpose (-6 to +5 in units of semitone), Palyback Transpose (-24 to +24 in units of semitone) ● **Effects** Reverb (12 types, 127 levels), Chorus, Rotary and 60 other types, Surround, Advanced 3D, Dynamic Emphasis (3 types), Equalizer (5 bands, Master level) **[Arranger]** ● **Music Styles** 6 groups 310 styles (KR117M)/ 285 styles (KR115M/KR115) x 3 types (Style Orchestrator) ● **Music Assistant** Over 550 sets x 6 presets, Visual Music Assistant ● **Programmable Music Styles** Style Converter, Style Composer ● **Melody Intelligence** 24 types ● **User Programs** Internal: 36, External Memory: max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 10 to 500 ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume** 10 levels ● **Metronome Pattern** 11 patterns ● **Metronome Sound** 8 types **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Recording Method** Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Edit** Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit ● **Other Functions** Touch the Notes, Replay Pedal, Super Tones, Piano Designer, Visual Lesson, Wonderland/Game, Demo, Tone Audition, Panel Lock, User Image Display, BMP Export, V-LINK, IR function, Slide Show, A/V Sync Output/Input **[External Storage (USB Flash Memory)]** ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Music Style: MSE **[Internal Memory]** ● **Internal Songs** Over 190 songs ● **User Memory** Max. 200 songs on Favorites, Max. 99 User Styles, Max. 70 User Program Sets, User Image (Internal x 1, External x 1) **[Others]** ● **DigiScore** Score Display Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering ● **Display** Bouncing Beat Indicator, Graphical Color LCD 320 x 240 dot (backlit LCD) ● **Lylics** Yes (built-in, external display) ● **Language** English / Japanese / German / French / Spanish ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable) ● **Connector** USB memory connector, FDD connector, Main Output jacks (L/Mono, R), Balanced Output jacks (L, R) (XLR, Level Fixed), Aux Output jacks (L/Mono, R), Input jacks (L/Mono, R), Aux Input jacks (L, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector x 2, MIDI out connector, USB connector, Ext Display connector (15-pin D-Sub type), Video Out jack, Expression Pedal jack, Serial connector (KR117M/KR115M) ● **Rated Power Output** 70W x 4 (KR117M), 70W x 2 (KR115M/KR115) ● **Speakers** 20 cm x 2, 16 cm x 2, 8 cm x 2, 5 cm x 2 (KR117M)/ 20 cm x 2, 5 cm x 2 (KR115M/KR115) ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 360W (KR117M) /270W (KR115M) /230W (KR115) ● **Dimensions** (Lid closed) 1,503 (W) x 1,579 (D) x 1,007 (H) mm (59-3/16" x 62-3/16" x 39-11/16") (KR117M)/ 1,473 (W) x 937 (D) x 930 (H) mm (58" x 36-15/16" x 36-5/8") (KR115M/KR115), (Lid opened) 1,503 (W) x 1,579 (D) x 1,741 (H) mm (59-3/16" x 62-3/16" x 68-9/16") (KR117M)/ 1,473 (W) x 937 (D) x 1,446 (H) mm (58" x 36-15/16" x 56-15/16") (KR115M/KR115) ● **Weight** 240.0 kg (530 lbs.) (KR117M)/ 140.0 kg (310 lbs.) (KR115M)/ 115.0 kg (255 lbs.) (KR115) ● **Accessories** Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, Remote Control, Dry-cell Batteries, USB Installation Guide, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Anti-theft lock screws, Maintenance Kit, Key Cover, Caster Cup, CD (Music Data Disc with vocals) (KR117M/KR115M) ● **Options** USB Flash Memory (M-UF128), Floppy Disk Drive (FD-01A), CF/CD Recorder (CD-2)

● **Automatic Keyboard Movement**

● **Built-in CD Drive**

● **Handy Remote control**

● **External display capability**

● **Options**

M-UF128
USB Flash Memory

FD-01A
Floppy Disk Drive

KR111
KR-Intelligent Grand

V-LINK

- *Great sounds*
- *Progressive Hammer-Action keyboard with a feel akin to a grand-piano's response*
- *180 Music Assistant registrations for instant selection of the appropriate auto-accompaniments*
- *170 high-quality Music Styles*
- *Intuitive and simple user interface due to the larger LCD*
- *Elegant polished-ebony finish*

■ KR111-PE

GENERAL midi2 XG XGlite SMF LYRICS USB ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action keyboard) ● **Touch Sensitivity** Yes ● **Keyboard Modes** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator (conforms to GM2/GS/XG Lite)]** PCM samples ● **Max. polyphony** 64 voices ● **Tones** 400 panel Tones including 8 Drum sets ● **Master Tuning** 427.4Hz to 452.6Hz (0.1Hz steps) ● **Effects** Reverb (8 types), Chorus (8 types), Rotary, Multi-FX (46 types) **[Display type]** ● **LCD** New large backlit custom display **[Styles]** ● **Music Styles** 170 ● **Style Orchestrator** 3 levels: Basic, Advanced, Full **[Songs]** ● **Realtime SMF player** Yes ● **16-Track Recorder** 3 easy modes: New Song, Single, Punch In /Out ● **Internal Songs** 61 Songs **[User Programs]** 34 **[Metronome]** ● **Tempo** Quarter note = 20 to 250 ● **Time signature setting** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 6/8, 9/8 ● **Volume** 127 levels **[Data Storage]** FDD 3.5", 2HD/2DD **[Other functions]** ● **Music Assistant** 180 ● **Melody Intelligence** Yes, 18 types ● **V-LINK** Yes ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI Out connector, MIDI In Connector, USB connector, Expression Pedal Jack **[Others]** ● **Rated Power Output** 25W x 2 ● **Speakers** 2 x 20 cm, 2 x 5 cm ● **Pedals** Damper Pedal, Soft Pedal, Sostenuto Pedal ● **Power Consumption** 70W ● **Power supply** AC 117/230/240 V ● **Dimensions** (Lid closed) 1,400 (W) x 934 (D) x 920 (H) mm (55-1/8" x 36-13/16" x 36-1/4"), (Lid opened) 1,400 (W) x 934 (D) x 1,587 (H) mm (55-1/8" x 36-13/16" x 62-1/2") ● **Weight** 105.0 kg (231 lbs. 8 oz.) ● **Accessories** USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), USB cable, Power Cord, Headphones Hook, Owner's Manual

RG-7/RG-7-PM/RG-7-PW
Digital Grand

V-LINK VGA out

- *Simple-to-use digital player piano with Roland's finest piano sounds*
- *Solid Progressive Hammer-Action Keyboard with Escapement, plus Moving-Key*
- *Onboard CD drive with remote controller*
- *60W x 2 designed speaker system with an emphasis on reproducing realistic piano sounds and acoustic vibrations*
- *Sliding Key Lid can be locked in place to conceal the panel*
- *Polished ebony (RG-7) or Polished Mahogany (RG-7-PM) cabinet, ideal for the hotel and hospitality environments*

■ RG-7

GENERAL midi2 XG XGlite SMF LYRICS USB USB MEMORY

Specifications

[Keyboard] ● **Keyboard** 88 keys (Solid Progressive Hammer-Action Keyboard with Escapement) ● **Moving Key** Yes ● **Touch Sensitivity** Touch: 100 levels, Hammer Response: Light, Medium, Heavy, Off ● **Keyboard Mode** Whole, Layer (as layer tones, volume balance adjustable), Split (split point adjustable) **[Sound Generator]** ● **Conforms to** GM2 system, GS format, XG lite ● **Max. Polyphony** 128 voices ● **Tones** 20 tones (5 groups 4 variations) for manual performance, 600 internal tones for SMF playback ● **Temperament** 8 types, selectable tonic ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz - 466.2Hz (adjustable in increments of 0.1Hz) ● **Transpose** Key Transpose (-6 - +5 in semitones), Playback Transpose (-24 - +24 in semitones) ● **Effects** Reverb (127 levels), Key Off Resonance (only for piano tones, 9 levels), String Resonance (only for piano tones, 9 levels), Damper Resonance (only for piano tones, 9 levels), 3-band Digital Equalizer ● **Vocal Effects** Mic Echo (9 levels), Harmony (7 types), Transformer (8 types) **[User Programs]** ● **Internal** 36 ● **User Memory** Max. 99 User Program Sets ● **USB Memory** Max. 99 User Program Sets **[Recorder]** ● **Track** 1 track ● **Songs** Max. 199 songs ● **Note Storage** Approx. 30,000 notes ● **Control** Song Select, Play/Stop, Rec, Tempo, All Song Play, Random Play, Minus One **[Media]** ● **CD (Read Only)** Playable Disc: Audio CD (CD-DA), Data CD (SMF) ● **USB Memory** SMF **[Internal Memory]** ● **Internal Songs** Over 50 (including the Tone Demos) ● **User Memory** Songs, User Programs **[Others]** ● **Rated Power Output** 60W x 2 ● **Speakers** 16 cm x 2, 2.5 cm x 4 ● **Display** 20 characters, 2 lines LCD ● **External Display** VGA, NTSC, PAL, Song Select, Slide Show, Lyrics, DigiScore ● **Control** Volume, Brilliance, LCD Contrast, Mic Volume ● **Remote Control** Yes ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Lid Lock** Yes ● **Connectors** Main Output jacks (L/Mono, R), Balanced Output jacks (L, R) (XLR, Level Fixed), Aux Output jacks (L/Mono, R), Main Input jacks (L/Mono, R), Aux Input jacks (L, R), Mic jack, Phones jack (Stereo) x 2, MIDI connector (IN/OUT), USB connector (MIDI), Ext Display jack, Video Out jack, AC Inlet, Ext Memory Port ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 260W ● **Cabinet Finish** Polished Ebony (RG-7)/ Polished Mahogany (RG-7-PE) ● **Dimensions** [top opened] 1,460 (W) x 1,400 (D) x 1,750 (H) mm (57-1/2" x 55-1/8" x 68-15/16") [top closed] 1,460 (W) x 1,400 (D) x 1,010 (H) mm (57-1/2" x 55-1/8" x 39-13/16") ● **Weight** 225 kg (497 lbs.) ● **Accessories** Owner's Manual, USB Installation Guide, Power Cord, CD (Music Disc with Vocals), CD-ROM (Roland Digital Piano USB Driver), Maintenance Kit, Key Cover, Remote Control, Dry-cell Batteries

■ **Limited Edition** NEW

■ RG-7-PW

Please note: This limited-edition model is only available in select regions. Please check with your local Roland dealer to see if it's available in your area.

● **Option**

M-UF128
USB Flash Memory

RG-3-PE
Digital Grand

NEW

- *88-key multi-sampled grand piano; sound derived from RG-7*
- *PHA II (Progressive Hammer Action II) "Ivory Feel" Keyboard with Escapement provides grand-piano feel and response*
- *Beautiful polished ebony mini-grand piano cabinet*
- *4-speaker 40W x 2 sound system built in*
- *Automatic song-playback capability*
- *Remote control*

*PHA II Ivory Feel Keyboard with Escapement

GENERAL midi2 · XG xGlite · SMF LYRICS · PHA II · IVORY FEEL

Specifications

[Keyboard] ● **Keyboard** 88 keys (PHA II Ivory Feel Keyboard with Escapement) ● **Touch Sensitivity** Touch: 100 levels, Hammer Response: Light, Medium, Heavy, Off ● **Keyboard Mode** Whole, Layer (as layer tones. volume balance adjustable), Split (split point adjustable) **[Sound Generator]** ● **Conforms to** GM2 system, GS format, XG lite ● **Max. Polyphony** 128 voices ● **Tones** 20 tones (5 groups 4 variations) for manual performance, 600 internal tones for SMF playback (including 15 drum sets, SFX set) ● **Temperament** 8 types, selectable tonic ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz (adjustable in increments of 0.1Hz) ● **Key Transpose** -6 to +5 (in semitones) ● **Playback Transpose** SMF music data: -24 to +24 (in semitones), Audio CD/Audio File: -6 to +5 (in semitones) ● **Effects** Reverb (10 levels), Key Off Resonance (only for piano tones, 9 levels), String Resonance (only for piano tones, 9 levels), Damper Resonance (only for piano tones, 9 levels), 3-band Digital Equalizer ● **Vocal Effects** Mic Echo (9 levels) **[User Programs]** ● **Internal** 36 ● **User Memory** Max. 99 User Program Sets **[Recorder]** ● **Track** 1 track ● **Song** Max. 199 songs ● **Note Storage** Approx. 30,000 notes ● **Control** Song Select, Play/Stop, Rec, Tempo, All Song Play, Random Play, Minus One/Guide **[Media]** ● **CD** read only (via external USB-compatible CD-ROM drive, sold separately) Playable Discs: Audio CDs (CD-DA), CD-R (SMF, WAV) ● **USB Memory** SMF, WAV (Read Only) ● **Floppy Disk** SMF **[Internal Memory]** ● **Internal Songs** 50 (including the Tone Demos) ● **User Memory** Favorites Songs, User Programs **[Others]** ● **Rated Power Output** 40W x 2 ● **Speakers** 20 cm x 2, 5 cm x 2 ● **Display** 20 characters, 2 lines LCD ● **External Display** VGA, NTSC, PAL, Song Select, Slide Show, Lyrics, DigiScore ● **Control** Volume, Brilliance, LCD Contrast, Mic Volume ● **Pedal** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Other Function** Lid Lock ● **Connectors** AC inlet, Pedal connector, Input jacks (L/Mono, R), Output jacks (L/Mono, R), Video Out jack, Ext Display connector, USB connector, MIDI connectors (IN, OUT), Mic jack, Phones jack (Stereo) x 2, FDD connector (USB), Ext Memory port (USB) ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 70W ● **Dimensions** [top opened] 1,480 (W) x 950 (D) x 1,440 (H) mm (58-5/16" x 37-7/16" x 56-3/4"), [top closed] 1,480 (W) x 950 (D) x 930 (H) mm (58-5/16" x 37-7/16" x 36-5/8") ● **Weight** 110.0 kg (242 lbs. 9 oz.) ● **Accessories** Owner's Manual, USB Installation Guide, Power Cord, Maintenance Kit, Key Cover, Remote Control, Dry-cell Batteries ● **Options** USB Memory, Floppy Disk Drive

● **Options**

M-UF128
USB Flash Memory

FD-01A
Floppy Disk Drive

KR107
Digital Intelligent Piano

DigiScore · V-LINK · Touch the Notes · VGA out

- *128-voice, high-quality piano sound engine with intuitive Piano Designer sound customization*
- *6-speaker sound system with true Grand Sound*
- *Progressive Hammer-Action Keyboard with escapement*
- *Added expression with Pedal EX Tones, and optional expression pedal*
- *Brand-new Music Styles, featuring Live Drummer (phrases recorded in realtime via MIDI using Roland's V-Drums)*
- *Over 500 intuitive Visual Music Assistant*
- *Over 190 built-in songs*
- *Powerful Visual Lesson and Wonderland educational suite*
- *Innovative Auto Sync DigiScore® feature*
- *Lesson-room-friendly Twin Piano Mode*
- *External VGA and video outputs*
- *Convenient storage via external USB*
- *Color score export (.bmp)*

GENERAL midi2 · XG xGlite · SMF LYRICS · USB · USB MEMORY · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with escapement) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 128 voices ● **Tones** 736 variations in 6 groups (including 8 Tone Wheel Organs, 18 Drum Sets, SFX set) **Tone Search by terms and by letters* ● **Temperament** 8 types, Tonic selectable ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +5 in semitone), Playback Transpose (-24 to +24 in semitone) ● **Effects** Reverb (12 types, 127 levels) Chorus, Rotary and 60 other types, Advanced 3D, Dynamic Emphasis (3 types), Equalizer (5 bands, Master level) **[Arranger]** ● **Music Styles** 265 Styles in 6 groups x 3 types (Style Orchestrator) **Style Search by terms and by letters* ● **Music Assistant** Over 500 sets x 6 presets, Visual Music Assistant **Search by terms and by letters* ● **Programmable Music Styles** Style Converter, Style Composer ● **Melody Intelligence** 24 types **[User Programs]** ● **Internal** 36 ● **External Memory** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 10 to 500 ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume** 10 levels ● **Metronome Pattern** 11 patterns ● **Metronome Sound** 8 types **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 song ● **Note Storage** Approx. 30,000 notes ● **Resolution** 120 ticks per quarter note ● **Recording Method** Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Edit** Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit **[Other Functions]** Touch the Notes, Replay, Super Tones, Piano Designer, Visual Lesson, Wonderland/Game, Demo, Audition, Panel Lock, V-LINK, BMP export, User Image Display **[External Storage (USB Flash Memory)]** ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format)Music Style: MSA, MSD, MSE, Audio File: WAV Format (44.1kHz 16-bit linear stereo) ● **Save** Song: Standard MIDI Files (Format 0), Roland Original Format (i-Format), Music Style: MSE **[Internal Memory]** ● **Internal Songs** Over 190 songs **Song Search by terms and by letters* ● **User Memory** Max. 200 songs on Favorites, Max. 99 User Styles, Max. 99 User Program Sets **[Others]** ● **Display** Bouncing Beat Indicator, Graphical Color LCD 320 x 240 dot (backlit LCD) ● **Notation** Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering ● **Language** English / Japanese / German / French / Spanish ● **Lyrics** Yes (built-in, external display, MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Vocal Effects** Echo, Voice Transformer, Vocal Keyboard, Harmonist ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** USB memory connector, FDD connector, Output jacks (L/Mono, R), Input jacks (L/Mono, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector x 2, MIDI Out connector, USB connector, Ext Display connector (15-pin D-Sub type), Video Out connector, Expression Pedal Jack ● **Rated Power Output** 60W x 2 ● **Speakers** 20 cm x 2, 5 cm x 2, 10 cm x 2 ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 155W ● **Weight** 84.0 kg (186 lbs. 3 oz.) ● **Dimensions** (incl. the piano stand) 1,421 (W) x 550 (D) x 901 (H) mm (56" x 21-11/16" x 35-1/2"), (Incl. the piano stand and the music rest) 1,421 (W) x 550 (D) x 1,116 (H) mm (56" x 21-11/16" x 43-15/16") ● **Accessories** Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, Remote Controller, Dry-cell Batteries, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook, Anti-theft lock screws ● **Options** USB memory, Floppy Disk Drive

● **Options**

M-UF128
USB Flash Memory

FD-01A
Floppy Disk Drive

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

KR105
Digital Intelligent Piano

DigiScore · V-LINK · Touch the Notes

- *Authentic piano sound with acclaimed Progressive Hammer-Action Keyboard*
- *230 high-quality Music Styles featuring Live Drummer*
- *DigiScore® with Touch The Note feature*
- *Over 600 tones*
- *Over 300 Visual Music Assistants*
- *Over 180 Built-in songs*
- *Wonderland educational games*
- *Built-in USB MIDI Interface*

GENERAL midi2 · XG xGlite · SMF LYRICS · USB · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Tones** over 600 tones in 6 groups (including 16 drum sets, 1 SFX set) ● **Temperament** 8 types (Tonic selectable) ● **Stretched Tuning** 2 types ● **Master Tuning** 415.3Hz to 466.2Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +5 in semitone), Playback Transpose (-24 to +24 in semitone) ● **Effects** Reverb (8 types), Chorus, Rotary and 32 other types **[Arranger]** ● **Music Styles** 230 styles in 6 groups x 3 types (Style Orchestrator) ● **Music Assistant** Over 300 sets, Visual Music Assistant ● **Programmable Music Styles** Style Converter ● **Melody Intelligence** 24 types **[User Programs]** ● **Internal** 36 ● **Floppy Disk** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 20 to 250 ● **Beat** 2/2, 0/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8, 12/8 ● **Volume** 10 levels ● **Metronome Pattern** 11 patterns ● **Metronome Sound** 8 types **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 song ● **Note Storage** Approx. 30,000 notes ● **Resolution** 120 ticks per quarter note ● **Recording Method** Realtime (Replace, Mix, Auto Punch In, Manual Punch In, Loop, Tempo), Step (Chord Sequencer), Beat Map ● **Edit** Copy, Quantize, Delete, Insert, Erase, Transpose, Part Exchange, Note Edit, PC Edit **[Other Functions]** Touch the Notes, Replay, Wonderland/Game, Demo, Panel Lock, V-LINK, BMP export **[External Storage]** ● **Files** Max. 99 songs, Max. 99 User Styles, Max. 99 User Program Sets ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Music Style: MSA, MSD, MSE ● **Save** Song: Standard MIDI Files (Format 0), Roland Original Format (i-Format), Music Style: MSE **[Internal Memory]** ● **Internal Songs** Over 170 songs ** Song Search by terms and by letters* ● **User Memory** Max. 99 songs on Favorites, Max. 99 User Styles, Max. 99 User Program Sets **[Others]** ● **Display** Bouncing Beat Indicator, Graphical mono LCD 320 x 240 dot (backlit LCD) ● **Notation** Grand staff / G Clef staff / F Clef staff, with note name / lyrics / chords / fingering ● **Language** English / German / French / Spanish ● **Lyrics** Yes (built-in, MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Vocal Effects** Echo ● **Pedals** Damper Pedal (half-pedal recognition), Soft Pedal (half-pedal recognition, functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Mic Input jack, Headphones jack (Stereo) x 2, MIDI In connector , MIDI Out connector, USB connector, Expression Pedal Jack ● **Rated Power Output** 40W x 2 ● **Speakers** 20 cm x 2, 5 cm x 2 ● **Power Supply** AC 115/117/220/230/240 V (50/60Hz) ● **Power Consumption** 90W ● **Weight** (incl. the piano stand) 80.5 kg (155 lbs. 7 oz.) ● **Dimensions** (incl. the piano stand) 1,421 (W) x 549.5 (D) x 920 (H) mm (56" x 21-11/16" x 36-1/4"), (Incl. the piano stand and the music rest) 1,421 (W) x 549.5 (D) x 1,106 (H) mm (56" x 21-11/16" x 43-9/16") ● **Accessories** Quick Start, Owner's Manual, Roland 60 Classical Piano Masterpieces, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook

KR103
Digital Intelligent Piano

V-LINK

- *Simple and easy to use interface*
- *170 high-quality Music Styles*
- *400 Tones including 8 Drum kits*
- *180 Music Assistants*
- *Lesson feature with over 50 built-in songs*
- *Built-in USB MIDI Interface*
- *Powerful amplifier and speaker system*

GENERAL midi2 · XG xGlite · USB · ism

Specifications

[Keyboard] ● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Yes ● **Keyboard Mode** Whole, Split (adjustable split point), Layer, Arranger, Piano Style Arranger, Manual Drums / SFX **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Tones** 400 tones in 6 groups including 8 Drum kits ● **Temperament** 9 types (Tonic selectable) ● **Master Tuning** 427.4Hz to 452.6Hz (0.1Hz steps) ● **Transpose** Key Transpose (-6 to +6), Data Transpose (-24 to +24), All Transpose (-6 to +6) ● **Effects** Reverb (8 types), Chorus, Rotary and 46 Multi-FX **[Arranger]** ● **Music Styles** 170 styles in 6 groups x 3 types (Style Orchestrator) ● **Music Assistant** 180 sets ● **Melody Intelligence** 18 types **[User Programs]** ● **Internal** 34 ● **Floppy Disk** Max. 99 sets **[Metronome]** ● **Tempo** Quarter note = 20 to 250 ● **Beat** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 7/4, 3/8, 6/8, 9/8 ● **Volume** 127 levels ● **Metronome Pattern** 1 ● **Metronome Sound** 1 **[Composer]** ● **Tracks** 5 tracks / 16 tracks ● **Song** 1 Song ● **Resolution** 120 ticks per quarter note ● **Recording Method** New Song/Single/Punch In/Out **[Other Functions]** Demo, Panel Lock , V-LINK **[External Storage]** ● **Disk** Max. 99 songs, Max. 99 User Styles, Max. 99 User Program Sets ● **Playable Software** Song: Standard MIDI Files (Format 0/1), Roland Original Format (i-Format), Music Style: MSA, MSD, MSE ● **Save** Song: Standard MIDI Files (Format 0) ● **Internal Song** Over 50 songs **[Others]** ● **Display** Bouncing Beat Indicator, Custom LCD (backlit LCD ● **Lyrics** No (only via MIDI output) ● **One Touch Program** One Touch Piano, One Touch Arranger ● **Pedals** Damper Pedal, Soft Pedal (functions assignable), Sostenuto Pedal (functions assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI In connector, MIDI Out connector, USB connector, Expression Pedal Jack ● **Rated Power Output** 25W x 2 ● **Speakers** 20 cm x 2 ● **Power Consumption** 70W ● **Weight** (incl. the piano stand) 60.5 kg (133 lbs. 7 oz.) ● **Dimensions** (incl. the piano stand) 1,402 (W) x 531 (D) x 888.5 (H) mm (55-1/4" x 20-15/16" x 35"), (Incl. the piano stand and the music rest) 1,402 (W) x 531 (D) x 1,066.5 (H) mm (55-1/4" x 20-15/16" x 42") ● **Accessories** Owner's Manual, USB Installation Guide CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

HP109
Digital Piano

V-LINK

- *Realistic piano sound with natural resonance*
- *Built-In speaker system with Grand Space feature*
- *88-note Progressive Hammer-Action Keyboard with Escapement*
- *128-voice polyphony*
- *Gorgeous polished-ebony cabinet*

Specifications

USB

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapment) ● **Keyboard modes** Whole, Split (Split point adjustable), Layer/Dual (volume balance adjustable) ● **Max. Polyphony** 128 voices ● **Tones** 36 variations in 5 groups + 4 tones for Acoustic Layering ● **Effects** Reverb (10 levels), Chorus (10 levels), Grand Space, Dynamic Emphasis ● **Control** Play/Stop, Rec, Tempo, All Song Play, Track Select ● **Internal Songs** 68 Songs + 14 Tone Demo Songs ● **Other functions** Song Backup, Panel Lock, Memory Backup, Factory Reset ● **Rated Power Output** 50W x 2 ● **Speakers** 20cm x2, 5cmx2 ● **Display** Beat LED, 7 segments, 3 character (LED), Headphone Indicator ● **Control** Volume, Brilliance ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition), Sostenuto (function assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI In connector, MIDI Out connector, USB connector (MIDI) ● **Power consumption** 110W ● **Dimensions** (Lid closed) 1,380 (W) x 1,078 (D) x 945 (H) mm (54-3/8" x 42-1/2" x 37-1/4"), (Lid opened) 1,380 (W) x 1,078 (D) x 1,583 (H) mm (54-3/8" x 42-1/2" x 62-3/8") ● **Weight** 90.0 kg (198 lbs. 7 oz.) ● **Accessories** USB installation Guide CD-ROM (Roland Digital Piano USB Driver), Roland 60 Classical Piano Masterpieces, Power Cord, Owner's Manual

HP107
Digital Piano

V-LINK

Grand Sound

- *88-note Progressive Hammer-Action keyboard with Escapement for the most realistic touch*
- *Key-Off, String, and Damper Resonance*
- *128-voice polyphony, 40 tones*
- *Grand Space and Dynamic Emphasis effects*
- *Onboard 2-track recorder with metronome*
- *USB port for MIDI I/O*
- *Twin Piano Mode*

■ HP107-MH shown with KSC-22-MH

Specifications

USB

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard with Escapement) ● **Keyboard Mode** Whole, Layer / Dual (volume balance adjustable), Split (split point adjustable) ● **Max. Polyphony** 128 ● **Tones** 5 groups 36 variations + 4 tones for Layer ● **Effects** Grand Space, Dynamic Emphasis, Piano Resonance, (Key Off Resonance, String Resonance, Damper Resonance), Reverb (10 levels), Chorus (10 levels) ● **Built-Songs** 68 songs + 14 Tone Demo songs ● **Rated Power Output** 50W x 2 ● **Speakers** 20cm x 2 (Speaker Box), 10cm x 2 ● **Display** Beat LED, 7 segments, 3 characters (LED), Headphones indicator ● **Control** Volume, Brilliance ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition), Sostenuto (function assignable) ● **Other Functions** Panel Lock, Song backup, Memory backup, Factory Roset, Twin Piano Mode ● **Connectors** USB connector (MIDI), Output jacks (L/Mono, R), Input jacks (L/Mono, R),Headphone jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** [MH] 1,421 (W) x 526 (D) x 894 (H) mm (56" x 20-3/4" x 35-1/4"), [RW] 1,425 (W) x 536 (D) x 931 (H) mm (56-1/8" x 21-1/8" x 36-11/16") ● **Weights (incl. piano stand)** [MH] 79 kg (175 lbs.), [RW] 82 kg (180 lbs. 13 oz.) ● **Cabinet finish** Mahogany/Rosewood ● **Accessories** Roland 60 Classical Piano Masterpieces, USB Installation Guide, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphone Hook

HP103
Digital Piano

V-LINK

- *88-note Progressive Hammer-Action keyboard*
- *64-voice polyphony, 20 tones*
- *Damper Resonance*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *Grand Space and Dynamic Emphasis effects*
- *Onboard 2-track recorder with metronome*

■ HP103-MH shown with KSC-24-MH

Specifications

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Keyboard Mode** Whole, Dual (volume balance adjustable), Split (split point adjustable) ● **Max. Polyphony** 64 voices ● **Tones** 5 groups 20 variations ● **Effects** Grand Space, Dynamic Emphasis, Reverb (8 levels), Chorus (for E. Piano only), Damper Resonance (for Piano only, 8 levels) ● **Preset Songs** 66 songs + 9 Tone Demo songs ● **Rated Power Output** 25W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED, 7 segment, 3 digit LED, Headphones indicator ● **Control** Volume, Brilliance (3 steps) ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Panel Lock, Tone Lock, Twin Piano Mode ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R),Headphones jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** [HP103-MH] 1,388 (W) x 425 (D) x 836 (H) mm (54-11/16" x 16-3/4" x 32-15/16"), [HP103-PE] 1,398 (W) x 427 (D) x 837 (H) mm (55-1/16" x 16-13/16" x 33"), [HP103e-RW/MP/PE] 1,412 (W) x 530 (D) x 865.5 (H) mm (55-5/8" x 20-7/8" x 34-1/8") ● **Weights (incl. piano stand)** [HP103-MH/PE] 53 kg (117 lbs.), [HP103e-RW/MP/PE] 64 kg (141 lbs. 2 oz.) ● **Cabinet Finish** Mahogany/Polished Ebony/Rosewood/Maple ● **Accessories** Roland 60 Classical Piano Masterpieces, Power Cord, Headphone Hook, Music Rest

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

HP102e
Digital Piano

V-LINK

Europe Only

- *Compact Progressive Hammer-Action Keyboard with adjustable key touch*
- *3D Grand Space technology simulates piano-soundboard depth*
- *Improved power amplifier and speaker system for dynamic sound*
- *Onboard metronome, 2 track recorder, and play-along songs*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *Compact cabinet with newly designed pedal section, large music rest, headphone hook*

■ HP102e-RW shown with KS-102e-RW

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer Action keyboard) ● **Keyboard Modes** Whole, Layer/Dual (volume balance adjustable), Split (split point adjustable) ● **Max.Polyphony** 64 ● **Tones** 20 ● **Effects** Reverb (8 levels), Chorus (for E.Piano only), Damper Resonance, Grand Space, Dynamic Emphasis ● **Rated Power Output** 25W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED, 7segments, 3 characters (LED), Headphone Indicator ● **Control** Volume, Brilliance (3 steps) ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Twin Piano Mode ● **Connectors** Output jacks (L/MONO,R), Input jacks (L/MONO,R),Headphone jacks x, 2 (Stereo),MIDI (In,Out) ● **Cabinet Finish** Rosewood, Light Oak ● **Dimension** 1,402 (W) x 476 (D) x 874 (H) mm (55-1/4" x 18-3/4" x 34-7/16") ● **Weight** 55 kg (121 lbs. 5 oz.) ● **Accessories** Power Cord, Roland 60 Classical Piano Masterpieces, Headphone Hook

HP101
Digital Piano

V-LINK

- *88-note Compact Progressive Hammer-Action keyboard*
- *64-voice polyphony, 14 tones*
- *Damper Resonance*
- *Twin Piano Mode splits keyboard into two sections for two-player performances*
- *Sliding key lid, Headphone hook*
- *Three built-in pedals*

■ HP101-RW shown with KSC-26-MH

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Keyboard Mode** Whole, Dual (volume balance adjustable) ● **Max. Polyphony** 64 ● **Tones** 14 ● **Effects** Reverb (8 levels) (HP101e: 10 levels), Chorus (for E. Piano only), Damper Resonance (8 levels) ● **Rated Power Output** 20W x 2 ● **Speakers** 12cm x 2 ● **Display** Beat LED ● **Control** Volume ● **Pedals** Damper, Soft, Sostenuto ● **Other Functions** Panel Lock, Twin Piano Mode ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack x 2 (Stereo), MIDI connectors (In, Out) ● **Dimensions (incl. piano stand)** 1,388 (W) x 397 (D) x 810 (H) mm (54-11/16" x 15-11/16" x 31-15/16") ● **Weights (incl. piano stand)** 42 kg (93 lbs.) ● **Cabinet Finish** Mahogany/Rosewood ● **Accessories** Power Cord, Headphone Hook, Music Rest, Music Rest's attachment screws

CD-2
CF/CD Recorder

- *Versatile, easy-to-use audio recorder*
- *Direct-to-CD recording for fast, easy, professional results*
- *Record also to removable CompactFlash cards for long recording times*
- *Convenient utilities for music lessons and training*
- *Built-in stereo microphone and speaker for audio capture and playback*
- *Inputs for instruments and microphones*
- *Onboard pro-quality effects*

CF CompactFlash

Specifications

[Recorder] ● **Tracks** 2 (Stereo) ● **Sample Rate** 44.1kHz ● **Signal Processing** AD/DA conversion: 24-bits ● **Recording Mode** Standard, Long, WAV ● **Recording Media** CompactFlash (16MB-2GB), CD-R, CD-RW ● **Recording Songs** Up to 99 songs on a single CompactFlash or CD-R, Up to 98 sings on a single CD-RW **[Input/Output]** ● **Audio Input** Internal Stereo Microphone, MIC Input 1, 2 Jack: XLR-type with phantom power, 1/4" TRS phone-type, Guitar (Hi-Z) Jack: 1/4" phone-type, LINE Input Jacks (L, R): RCA phono-type ● **Audio Output** Internal Stereo Speaker, PHONES Jack: Stereo 1/4" phone-type, AUX Out Jacks (L, R): RCA phono-type ● **Frequency Response** 20Hz-20kHz (+0dB/-2dB) ● **Nominal Input Level** MIC Input 1, 2 Jack: -58- -22dBu (maximum -10dBu), Guitar Jack (Hi-Z): -32- -2dBu (maximum +10dBu), LINE Input Jacks (L, R): -24- +12dBu (maximum +24dBu) ● **Nominal Output Level** AUX Output Jacks (L, R): -8dBu (maximum +4dBu) ● **Input Impedance** MIC Input 1, 2 Jack: 4 k ohms (balanced), Guitar Jack (Hi-Z): 1 M ohms, Line Input Jacks (L, R): 9 k ohms ● **Output Impedance** AUX Output Jacks (L, R): 1 k ohms, Phones Jack: 10 ohms ● **Recommended Load Impedance** AUX Output Jacks (L, R): 10 k ohms or greater, Phones Jack: 32 ohms ● **Other Input/Output Connectors** MIDI Out Connector: 5-pin DIN type, Foot Switch Jack: 1/4" phone type **[Effects]** Dynamics group: 22 patches, Vocal group: 26 patches, Guitar/Bass group: 38 patches, Mastering Tool: 25 patches **[Others]** ● **Display** 16 characters, 2 lines (backlit LCD) ● **Dimensions** 302 (W) x 242 (D) x 76 (H) mm (11-15/16" x 9-9/16" x 3") ● **Weight** 3.1 kg (6 lbs. 14 oz.) ● **Power Supply** AC Adaptor (PSB-7U) ● **Current Draw** 3.0 A ● **Accessories** Owner's Manual, AC Adaptor (PSB-7U), Power Cord, CompactFlash (128 M bytes), CD-R (Blank media), Card Protector ● **Options** Foot Switch: FS-5U (BOSS), Pedal Switch: DP-2 ** (0 dBu = 0.775 V rms)*

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Kyoto Software Research
Fugue

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

HPi-7
Digital Piano

DigiScore
V-LINK

- *Easy-to-read color LCD display enhances Roland's unique DigiScore notation*
- *Visual Lesson feature with 3 programs for interactive practice*
- *Adds Flash Card and other educational games to Roland's acclaimed Wonderland learning environment*
- *Progressive Hammer-Action Keyboard with Escapement for authentic acoustic grand piano feel and response*
- *128-voice polyphony and authentic "Key off sounds"*

■ HPi-7 shown with KSC-20-MH

GENERAL MIDI2 XG XGlite SMF LYRICS USB ism

Specifications

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard with Escapement) ● **Max. Polyphony** 128 voices ● **Tones** 600 sounds in 6 groups (incl. 15 drum sets, 1 SFX set) ● **Effects** Reverb (10 levels), Chorus (10 levels), Damper Resonance (for Piano only, 10 levels), String Resonance (for Piano only,10 levels), Lid (for Piano only, 6 levels), Hammer Response (for Piano only, 10 levels) ● **Music Styles** 35 Pianist Styles ● **Disk Drive** 3.5" FDD ● **Internal Songs** Over 170 songs ● **Rated Power Output** 40W x 2, [LE] 50W x 2 ● **Speakers** 20 cm x 2, [LE] 20 cm x 2 (speaker box) 5 cm x 2 ● **Display** 640 x 240 dots graphic color LCD (with backlit) ● **Languages** English/Japanese/German/French/Spanish ● **Pedals** Damper (half-pedal recognition), Soft (half-pedal recognition, function assignable), Sostenuto (function assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, Mic Input jack, MIDI In connector, MIDI Out connector, Pedal connector (8 pin DIN type), LCD connector (20 pin), USB (MIDI) connector, EXT Display Connector (15-pin D-Sub type, LE only) ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 105W (115/117/220/230/240 V), [LE] 120W ● **Dimensions (incl. piano stand)** 1,421 (W) x 526 (D) x 1,101 (H) mm (56" x 20-3/4" x 43-3/8") ● **Weights (incl. piano stand)** 69 kg (153 lbs.), [LE] 80 kg (176 lbs. 6 oz.) ● **Accessories** Roland 60 Classical Piano Masterpieces, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook, Music Rest (with installation screws)

Visual Lesson

When you finish playing, the HPi-7 grades the accuracy of your pitch and rhythm, and provides simple onscreen advice.

HPi-7LE
Digital Piano

DigiScore
V-LINK
VGA out

- *Flagship educational piano with powerful 4-speaker sound system*
- *VGA output for projecting DigiScore onto a big screen*

■ HPi-7LE shown with KSC-22-MH

HPi-6
Digital Piano

DigiScore
V-LINK

- *Entry-level piano tailor-made for students and teachers*
- *Authentic grand-piano sound; 4-speaker sound system*
- *Progressive Hammer-Action Keyboard*
- *Color screen built into the music rest*
- *Twin Piano mode enables teacher and student, parent and child, or a pair of friends to practice and perform together*
- *DigiScore®, DoReMi, and Wonderland educational tools*
- *External Memory Connector for song storage*

■ HPi-6 shown with KSC-24-MH

GENERAL MIDI2 XG XGlite SMF LYRICS USB USB MEMORY ism

Specifications

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard) ● **Keyboard Mode** Whole, Split (split point adjustable), Dual (volume balance adjustable), Twin Piano, Manual Drums/SFX ● **Max. Polyphony** 128 voices ● **Tones** 450 sounds in 5 groups (incl. 15 drum sets, 1 SFX set) ● **Effects** Reverb (10 levels), Chorus (10 levels), Damper Resonance (for Piano only, 10 levels), String Resonance (for Piano only, 10 levels), Key Off Resonance, Lid (for Piano only, 6 levels), Hammer Response (for Piano only, 10 levels), Dynamics ● **Control** Reset, Play/Stop, Rec, Bwd, Fwd, Track Select, All Song Play, Random Play, Count-in, Countdown, Marker Set, Repeat, Tempo Mute ● **Disk Drive/Disk Storage** USB Flash Memory, Flopy Disk Drive (Option) ● **Internal Songs** Over 170 songs ● **Rated Power Output** 25W x 2 ● **Speakers** 12 cm x 2, 5cm x 2 ● **Display** 320 x 240 dots graphic color LCD (with backlit) ● **Languages** English/Japanese/German/French/Spanish ● **Control** Volume, LCD contrast ● **Pedals** Damper, Soft (function assignable), Sostenuto (function assignable) ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack (Stereo) x 2, MIDI In connector x 2, MIDI Out connector, Pedal connector, LCD connector (20 pin), USB (MIDI) connector, External Memory connector ● **Power Supply** AC 115/117/220/230/240 V (50/60 Hz) ● **Power Consumption** 60W (115/117/220/230/240 V) ● **Cabinet Finish** Simulated Mahogany ● **Dimensions (incl. piano stand)** 1,388 (W) x 425 (D) x 836 (H) mm (54-11/16" x 16-3/4" x 32-15/16") ● **Weights (incl. piano stand)** 55.5 kg (123 lbs.) ● **Accessories** Owner's Manual , Roland 60 Classical Piano Masterpieces, Installation Guide, CD-ROM (Roland Digital Piano USB Driver), Power Cord, Headphones Hook, Music Rest (with installation screws)

● Options

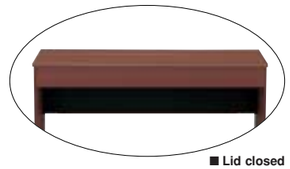
M-UF128
USB Flash Memory

FD-01A
Floppy Disk Drive

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

DP-970-BK/-LC/-MC
Digital Piano

V-LINK



■ Lid closed

- *Stereo-sampled sound faithfully reproduces a grand piano; 20 sound types onboard*
- *Progressive Hammer Action keyboard provides authentic touch*
- *Sophisticated, compact design; approximately 30cm in depth*
- *Built-in speaker system with 3D Sound Control for rich, multi-dimensional sound*
- *66 songs onboard, including many classic masterpieces*
- *Three pedals allow authentic piano-playing techniques*
- *Twin Piano Mode allows the keyboard to be split into two zones with the same pitch ranges on both, perfect for teacher-student lessons or duets.*
- *Three attractive color choices: Satin Black (BK), Light Cherry (LC), and Solid Medium Cherry (MC).*

■ DP-970-BK (Black finish)

■ DP-970-LC (Light Cherry finish)

■ DP-970-MC (Medium Cherry finish)

Specifications

** Piano Stand Included*

● **Keyboard** 88 keys (Progressive Hammer Action Keyboard) ● **Touch Sensitivity** Touch: Light, Medium, Heavy, Fixed ● **Keyboard Mode** Whole, Dual (volume balance adjustable), Split (split point adjustable), Twin Piano ● **Max. Polyphony** 64 voices ● **Tones** 5 groups 20 variations ● **Effects** Reverb (8 levels), Chorus, Damper Resonance (8 levels), 3D (4 levels), Dynamics (3 type) ● **Tracks** 2 tracks ● **Song** 1 song ● **Preset Songs** 66 songs + 13 Tone Demo Songs ● **Rated Power Output** 7W x 2 ● **Speakers** 12 cm x 2 ● **Pedals** Damper, Soft, Sostenuto ● **Connectors** Output jacks (L/Mono, R), Input jacks (L/Mono, R), Headphones jack x 2 (Stereo), MIDI connectors (IN, OUT) ● **Power Supply** DC 9 V ● **Power Consumption** 23W ● **Dimensions (incl. piano stand)** (lid close) - 1,398 (W) x 344 (D) x 781 (H) mm (55-1/16" x 13-9/16" x 30-3/4") (lid open) 1,398 (W) x 339 (D) x 974 (H) mm (55-1/16" x 13-3/8" x 38-3/8") ● **Weights (incl. piano stand)** 47.0 kg (103 lbs. 10 oz.) ● **Accessories** Owner's Manual, AC Adaptor, Power Cord (for AC Adaptor), Headphones Hook

F-50
Digital Piano

- *Compact digital piano with 64 voices and stylish light wood grain finish*
- *88-key Progressive Hammer-Action Keyboard with adjustable key touch*
- *Rich, dynamic sounds and realistic touch create the feel of a full concert grand*
- *20 onboard sounds designed to cover a range of musical styles and pieces*
- *Includes 65 demo songs for listening enjoyment and learning*
- *Built-in song recorder facilitates more effective practice and lessons*

■ F-50 (Piano Stand included)

Specifications

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Medium/Heavy/Fixed ● **Keyboard Modes** Whole, Dual (volume balance adjustable) ● **Max. Polyphony** 64 ● **Tones** 20 tones in 5 groups ● **Effects** Reverb (5 levels), Chorus (fixed for E. Piano tones only), Sympathetic Resonance (fixed for Piano tones only) ● **Recorder** Song: 1 song ● **Internal Songs** 65 (incl. five tone demo songs) ● **Speakers** 4" (10 cm) x 2 ● **Rated Power Output** 5W x 2 ● **Connectors** Headphones (Stereo phone type) x 2, MIDI (In, Out), Output (L/Mono, R), Input (L/Mono, R), Pedal (Damper, Soft) ● **Power Consumption** 23W (DC 9 V, AC Adaptor) ● **Cabinet Finish** Light Cherry ● **Dimensions** (without the music rest) 1,337 (W) x 296 (D) x 760 (H) mm (52-11/16" x 11-11/16" x 29-15/16") ● **Weight** 28.5 kg (62 lbs. 14 oz.) ● **Accessories** AC Adaptor, Power cord, Music Rest, Pedal (DP-8), Cloth Keyboard Cover

** Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.*

FP-5
Digital Piano

- *Compact digital piano with stylish design and powerful onboard speakers*
- *88-key Progressive Hammer-Action Keyboard for ultra-responsive touch*
- *Stereo-sampled piano sounds, plus a variety of instrument tones*
- *Enhanced organ tones based on Roland's Virtual ToneWheel technology*
- *Session Partner with fresh styles and programmable chord progressions*
- *Handy "Setup Memories" for recalling custom settings like splits and layers*
- *3 pedal inputs (damper, sostenuto, soft) with half-pedal recognition*
- *USB-MIDI interface and GM2-compliant sound source*

Specifications

GENERAL midi2 USB

● **Keyboard** 88 keys (Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Normal/Heavy/Fixed (velocity adjustable) ● **Keyboard Mode** Whole, Dual, Split (split point adjustable) ● **Max. Polyphony** 64 ● **Tones** 64 tones in 7 groups (incl. 6 ToneWheel Organ + 4 drum sets), GM2 Tones 256 + 9 drum sets ● **Effects** Reverb, Multi Effects (10 types) ● **Rhythms** 80 rhythms ● **Recorder** Tracks: 3 tracks (only Rhythm sound can be recorded to Track [R] button.), Song: 1 song ● **Internal Songs** Demo songs: 9, Piano songs: 65 ● **Speakers** 4" (10 cm) x 2 ● **Rated Power Output** 10W x 2 ● **Connectors** Output (L/Mono, R), Input (L/Mono, R), Headphones x 2 (stereo miniature phone type), USB connector (MIDI), MIDI (In, Out), Pedal (Damper, Soft*, Sostenuto*) * Assignable, DC In ● **Power Consumption** 35W (DC 12 V (AC Adaptor) ● **Dimensions** 1,308 (W) x 360 (D) x 128 (H) mm (51-1/2" x 14-3/16" x 5-1/16"), (incl.FPS-11A keyboard stand and the music rest) 1,308 (W) x 394 (D) x 920 (H) mm (51-1/2" x 15-9/16 " x 36-1/4") ● **Weight** 21.5 kg (47 lbs.), <incl. the piano stand/music rest> 29.4 kg (64 lbs.) ● **Accessories** USB Installation guide, CD-ROM (Roland Digital Piano USB Driver), AC Adaptor, Power cord, Music Rest (2 screws for the music rest), Pedal (DP-8) ● **Options** Keyboard Stand (FPS-11A), Pedals (DP-10/8/2), Expression Pedal (EV-5)

■ FP-5 shown with the optional piano stand (FPS-11A)

FP-2
Digital Piano

- *88-key digital piano with progressive hammer-action keys and lightweight design*
- *Stylish black and silver finish with built-in speaker system*
- *Expressive sounds including grand piano, bass, and harpsichord*
- *Sound Control function with 4-band equalizer for creating richer sounds*
- *Session Partner provides backing accompaniment in 80 musical styles*
- *Onboard USB-MIDI interface; GM2-compliant*

Specifications

GENERAL midi2 USB

● **Keyboard** 88 keys (Compact Progressive Hammer-Action Keyboard) ● **Touch Sensitivity** Light/Normal/Heavy/Fixed (value adjustable) ● **Keyboard Modes** Whole, Dual, Split (split point adjustable) ● **Max. Polyphony** 64 ● **Tones** 58 tones in 6 groups (incl. 256 GM2 tones and 9 drum sets) ● **Effects** Reverb, Multi Effects (10 types), Sound Control (3 types), 4-band Equalizer ● **Session Partner** Rhythms: 80, Chord Progression: Automatic or input with keyboard (User Programmable) ● **Recorder** Tracks: 3 tracks (only Session Partner or Drum Set sound can be recorded to Track [R] button.), Song: 1 song ● **Internal Songs** Demo songs: 8, Piano songs: 65 ● **Speakers** 3" (8 cm) x 4" (12 cm) x 2 ● **Rated Power Output** 7W x 2 ● **Connectors** Line Out (L/Mono, R), Line In (L/Mono, R), Headphone (rear panel) x 2 (stereo phone type), USB connector (MIDI), MIDI (In, Out), Pedal (Damper, Soft*, Sostenuto*) *Assignable, DC In ● **Power Consumption** 22W (DC 9 V, AC Adaptor) ● **Dimensions** (without the music rest) 1,291 (W) x 299 (D) x 125 (H) mm (50-7/8" x 11-13/16" x 4-15/16") ● **Weight** 14.6 kg (32 lbs. 3 oz.) ● **Accessories** CD-ROM (Roland Digital Piano USB Driver), AC Adaptor, Power cord, Music Rest (2 screws for the music rest), Pedal (DP-8) ● **Options** Keyboard Stand (FPS-11A), Pedals (DP-10/8/2), Expression Pedal (EV-5)

■ FP-2 shown with the optional piano stand (FPS-11A)

* Please refer to the Roland Digital Piano Lineup chart on Page 49 for further information on each product.

Roland Digital Piano Lineup

Product Name			Finish	Stand	Distribution Area: Worldwide	
RG-Series	RG-7	RG-7	Polished Ebony	Included	●	
		RG-7-PM	Polished Mahogany	Included	●	
		RG-7-PW	White	Included	●	
	RG-3-PE	RG-3-PE	Polished Ebony	KSG-01-PE	●	
KR-Series	KR117M	KR117M-PE	Polished Ebony	Included	●	
	KR115M	KR115M-PE	Polished Ebony	Included	●	
	KR115	KR115-PE	Polished Ebony	Included	●	
	KR111	KR111-PE	Polished Ebony	Included	●	
					North America	Outside North America
	KR107	KR107-UMH	Mahogany	Included	●	
		KR107-UPE	Polished Ebony	Included	●	
		KR107-UAK	Oak	Included	●	
		KR107-USC	Satin Cherry	Included	●	
		KR107-UPF	Polished Fruits Wood	Included	●	
		KR107-USW	Satin Walnut	Included	●	
		KR107-EMH	Mahogany	KRS107-EMH		●
	KR105	KR105-UMH	Mahogany	Included	●	
		KR105-UPE	Polished Ebony	Included	●	
		KR105-UAK	Oak	Included	●	
		KR105-USC	Satin Cherry	Included	●	
		KR105-EMH	Mahogany	KRS105-EMH		●
	KR103	KR103-MH	Mahogany	KRS103-MH	●	●
HP-Series					Europe	Outside Europe
	HP109	HP109	Polished Ebony	Included	●	●
	HP107	HP107-MH	Mahogany	KSC-22-MH		●
		HP107e-RW	Rosewood	KS-107e-RW	●	
	HP103	HP103-MH	Mahogany	KSC-24-MH		●
		HP103-PE	Polished Ebony	KS-200-PE		●
		HP103e-RW	Rosewood	KS-103e-RW	●	
		HP103e-MP	Maple	KS-103e-MP	●	
		HP103e-PE	Polished Ebony	KS-103e-PE	●	
	HP102	HP102e-RW	Rosewood	KS-102e-RW	●	
		HP102e-LA	Light Oak	KS-102e-LA	●	
	HP101	HP101-MH	Mahogany	KSC-26-MH		●
		HP101e-RW	Rosewood	KS-101e-RW	●	
	HPi-7	HPi-7	Mahogany	KSC-20-MH	●	●
		HPi-7LE	Mahogany	KSC-22-MH	●	●
	HPi-6	HPi-6	Mahogany	KSC-24-MH	●	●
DP-Series		DP-970-BK	Satin Black	Included	●	●
		DP-970-LC	Light Cherry	Included	●	●
		DP-970-MC	Medium Cherry	Included	●	●
F-Series		F-50	Light Cherry	Included	●	●
FP-Series		FP-5	—	FPS-11A	●	●
		FP-2	—	FPS-11A	●	●

*The descriptions above are subject to change. Please check with your local Roland dealer for further details on finishes and availability.

FR-7b/FR-5b
V-Accordion

V-Accordion

- *The perfect combination of the familiar sounds and nuances of a traditional accordion combined with the advantages of a versatile digital instrument*
- *Extremely realistic accordion simulations, with 40 programmable set memories. The factory settings already cater to several popular accordion traditions*
- *PBM ("Physical Behaviour Modelling") sound generation technology*
- *Orchestral sounds*
- *Expand creative possibilities, and create new performance options not possible using traditional instruments*
- *Portable instrument with on-board digital amplification (only on the FR-7b)*

■ FR-7b RED

■ FR-5b GREY

Specifications

Covered by U.S. Patent No. 6,946,594

[Keyboard & Bellows] ● **92-button right-hand** keyboard with velocity, Master bar with aftertouch ● **Left Hand** 120 Bass buttons with velocity ● **Keyboard Mode** Right Hand: Solo, Dual, High/Low (for Orchestral Sounds) Left Hand: Standard, Free Bass, Orchestral bass, Orchestral chord, Orchestral free Bass ● **Bellows** Real pneumatic detection of bellows pressure, by a high resolution pressure sensor **[Sound]** ● **Max Polyphony** 128 voices ● **Tones: Accordion Set** 40 full programmable* Each Accordion Set includes:14 Treble registers, 7 Bass registers, 7 Free Bass registers, 22 Orchestral sounds, 7 Orchestral Bass sounds, 7 Orchestral Chord sounds, 7 Orchestral Free bass sounds ● **Treble Reed Footages** 7 ● **Bass Reed Footages** 5 ● **Chord Reed Footages** 3 ● **Free Bass Footages** 2 ● **Orchestral Sounds** 22: Trumpet, Trombone, Alto Sax, Tenor Sax, Clarinet, Oboe, Harmonica, Muted Harmonica, Violin, Pizzicato, Flute, Pan Flute, Highland, Zampogna, Jazz organ, Perc. Organ, Rotary Organ, Term. Organ, Scat Voice, Mandolin, Acoustic Guitar, Acoustic Piano ● **Orchestral Bass Sounds** 7: Acoustic Bass, Bowed Bass, Fingered Bass, Picked Bass, Fretless Bass, Tuba, Tuba Mix ● **Orchestral Chord Sounds** 7: Trombone, Tenor Sax, Clarinet, Trem Organ, Voice, Ac Guitar, Ac Piano ● **Orchestral Free Bass Sounds** 7: Trombone, Clarinet, Oboe, Flute, Perch Organ, Ac Guitar, Ac Piano **[PBM (Physical Behavior Modeling)]** ● **Noises** Stopping-reed growl, Closing valve noise, Left button noise ● **Individual Reed Simulation** Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation ● **Switching Reed Sound Wave** By bellows acceleration, By note repetition speed **[Musette Tuning]** ● **Musette-Micro-Tuning Presets** 16: Off (Standard), Dry, Classic, Mauge, American L/H, North Europe, German L/H, Morn L/H, Alpine, Italian L/H, French, Scottish **[Effects]** ● **Reverb** 8 Types ● **Chorus** 8 Types ● **Delay** 10 Types ● **Rotary for Orchestral Organ Sound** Slow/Fast ● **"Cassotto" and "Sordina" Simulation** Yes **[Panel Controls]** ● **Knob Controls** Volume, Treble/Bass balance, Reverb, Chorus, Delay ● **Encoder** Data Edit with Enter switch **[Panel Switches]** ● **Treble Registers** 14 + Master + Orchestra ● **Bass Registers** 7 ● **Navigation Switches** Up, Down, Menu/Write, Exit/Jump ● **Other Switches** Accordion Set Up/Down, Sordina On/Off, Power **[Others]** ● **Display** 48 x 84 graphic backlit LCD ● **Rated Power** Output: 2 x 25 W RMS (only FR-7b), Speakers: 10 cm x 2 speakers (using Neodymium transducer magnets), Tweeters x 2 (only FR-7b) ● **Onboard connectors** Headphone jack (stereo), Output jacks: L/Mono (Treble), R/Mono (Bass), Multipolar Connector (to FBC-7) ● **Color Variation** Dark Grey, Red ● **Dimensions** 506 (W) x 270 (D) x 405 (H) mm (19-15/16" x 10-11/16" x 16") ● **Weight** FR-5b: 9.5 kg (21 lbs) (without the straps and optional battery), FR-7b: 11.7kg (25 lbs 13 oz.) (with the battery, without Straps) ● **Accessories** FBC-7 (power supply/battery charger): 5 programmable footswitches: -Set Up/Down, -Register Up/Down, -Sustain, Multipolar Connector (toward accordion), Expression pedal jack, MIDI IN/OUT/THRU sockets, Output jacks (L/Mono, R), AC Inlet, Owner's Manual, straps, accordion cloth, treble reference caps, bass reference caps, power cable, 19-pin multicore cable ● **Options** Rechargeable Ni-Mh battery pack 24V-4500mAh (BTY/FR), V-Accordion Gigbag (BAG-FR), FBC-7 Gigbag (BAG-FBC-7)

● Option

BAG-FR/BAG-FBC
Gigbag

FR-7/FR-5
Version 2.0
V-Accordion

V-Accordion

- *128 voices, realistic tone, and expressive simulations of a wide range of traditional accordions*
- *Cassotto Modeling recreates the "wooden chamber" resonance that occurs when a single footage or full sound is placed inside or outside of the Cassotto*
- *22 onboard orchestral sounds and 7 orchestral bass sounds that can be mixed together with traditional accordion sounds*
- *Portable, lightweight, and expandable via MIDI*
- *Expand creative possibilities, and create new performance options not possible using traditional instruments*
- *The FR-7 is the complete all-in-one model, the FR-5 offers more affordable, lighter weight by eliminating amplifier, speakers, and battery (optional) from FR-7*

■ FR-7 RED

■ FR-5 GREY

Specifications

Covered by U.S. Patent No. 6,946,594

[Keyboard & Bellows] ● **Right Hand** 41 Piano-Type Keys velocity sensitive with aftertouch ● **Left Hand** 120 Bass buttons with velocity ● **Keyboard Mode** Right Hand: Solo, Dual, High/Low (for Orchestral Sounds) Left Hand: Standard, Free Bass, Orchestral bass, Orchestral chord, Orchestral free Bass ● **Bellows** Real pneumatic detection of bellows pressure, by a high resolution pressure sensor **[Sound]** ● **Max Polyphony** 128 voices ● **Tones** Accordion Set 40 full programmable * Each Accordion Set includes: 14 Treble registers, 7 Bass registers, 7 Free Bass registers, 22 Orchestral sounds, 7 Orchestral Bass sounds, 7 Orchestral Chord sounds, 7 Orchestral Free bass sounds ● **Treble Reed Footages** 7 ● **Bass Reed Footages** 5 ● **Chord Reed Footages** 3 ● **Free Bass Footages** 2 ● **Orchestral Sounds** 22: Trumpet, Trombone, Alto Sax, Tenor Sax, Clarinet, Oboe, Harmonica, Muted Harmonica, Violin, Pizzicato, Flute, Pan Flute, Highland, Zampogna, Jazz organ, Perc. Organ, Rotary Organ, Term. Organ, Scat Voice, Mandolin, Acoustic Guitar, Acoustic Piano ● **Orchestral Bass Sounds** 7: Acoustic Bass, Bowed Bass, Fingered Bass, Picked Bass, Fretless Bass, Tuba, Tuba Mix ● **Orchestral Chord Sounds** 7: Trombone, Tenor Sax, Clarinet, Trem Organ, Voice, Ac Guitar, Ac Piano ● **Orchestral Free Bass Sounds** 7: Trombone, Clarinet, Oboe, Flute, Perch Organ, Ac Guitar, Ac Piano **[PBM (Physical Behavior Modeling)]** ● **Noises** Stopping-reed growl, Closing valve noise, Left button noise ● **Individual Reed Simulation** Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation ● **Switching Reed Sound Wave** By bellows acceleration, By note repetition speed **[Musette Tuning]** ● **Musette-Micro-Tuning Presets** 16: Off (Standard), Dry, Classic, Mauge, American L/H, North Europe, German L/H, Morn L/H, Alpine, Italian L/H, French, Scottish **[Effects]** ● **Reverb** 8 Types ● **Chorus** 8 Types ● **Delay** 10 Types ● **Rotary for Orchestral Organ Sound** Slow/Fast ● **"Cassotto" and "Sordina" Simulation** Yes **[Panel Controls]** ● **Knob Controls** Volume, Treble/Bass balance, Reverb, Chorus, Delay ● **Encoder** Data Edit with Enter switch **[Panel Switches]** ● **Treble Registers** 14 + Master + Orchestra ● **Bass Registers** 7 ● **Navigation Switches** Up, Down, Menu/Write, Exit/Jump ● **Other Switches** Accordion Set Up/Down, Sordina On/Off, Power **[Others]** ● **Display** 48 x 84 graphic backlit LCD ● **Speakers** (FR-7 only): 10cm x 2 speakers (using Neodymium transducer magnets), Tweeters x 2 ● **Connectors** Headphone jack (Stereo), Output jacks: L/Mono (Treble), R/Mono (Bass), Multipolar Connector (to FBC-7), Battery (FR-7 only, optional for FR-5): Rechargeable Ni-Mh battery pack 24V-4500mAh ● **Color Variation** Dark Grey (FR-5 Grey, FR-7 Grey), Red (FR-5 Red, FR-7 Red), Supplied ● **Dimensions** 528 (W) x 423 (H) x 275 (D) mm (20-13/16" x 16-11/16" x 10-7/8") ● **Weight** FR-7: 11.7 kg (25 lbs. 13 oz.) (with the battery, without straps) FR-5: 9.5 kg (19 lbs. 14 oz.) (without the straps and optional battery) ● **Accessories** FBC-7 (power supply/battery charger) with 5 programmable footswitches (Set Up/Down, Register Up/Down, Sustain), Multipolar Connector (toward accordion), Expression pedal jack, MIDI IN/OUT/THRU sockets, Output jacks (L/Mono, R), AC Inlet, Owner's Manual, Straps ● **Options** Gigbag for V-Accordion (BAG/FR), Gigbag for FBC-7 (BAG/FBC-7), Battery Pack (BTY/FR), Accordion cloth, Bass reference caps, Power cable, 19-pin multicore cable

● Option

BAG-FR/BAG-FBC
Gigbag

FR-3sb/FR-3b
V-Accordion

V-Accordion

- *92-button keyboard with the ability to change the layout of the Treble button keyboard*
- *7 new orchestral chord/orchestral free bass registers with new sounds*
- *MIDI output for controlling other instruments*
- *Supplied with an adapter and a battery compartment (for optional AA-type rechargeable batteries)*
- *Bellows Resistant Regulator*
- *The FR-3b doesn't have speakers and is therefore the lightest member of the V-Accordion line up.*

■ FR-3sb (with speakers)

■ FR-3b (without speakers)

Specifications

Covered by U.S. Patent No. 6,946,594

[Keyboard & Bellows] ● **Right hand** 92-button right-hand keyboard ● **Left hand** 120 bass buttons with velocity ● **Keyboard Mode** Right Hand: Solo, Dual, High/Low (for Orchestral Sounds) Left Hand: Standard, Free Bass, Orchestral bass, Orchestral chord, Orchestral free Bass ● **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor ● **Bellows Resistance Regulator** Wheel with 4 positions **[Sound]** ● **Sound Generator** Max polyphony: 64 voices ● **Tones** 10 Accordion Sets, each one including: 12 Treble registers, 7 Bass registers, 7 Free Bass registers ● **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor ● **Treble reed footages** 4 ● **Bass reed footages** 5 ● **Chord reed footages** 3 ● **Free Bass footages** 2 ● **Orchestral sounds** Trombone, Trumpet, T Sax, A Sax, Clarinet, Harmonica, Violin, Flute, Jazz Org, Blues Org ● **Orchestral Bass sounds** Acoustic, Bowed, Fingered, Fretless, Picked, Tuba, Tuba Mix ● **Orchestral Free Bass sounds** Trombone, Clarinet, Oboe, Flute, Perc Organ, Ac Guitar, Ac Piano ● **Orchestral Chord sounds** St. Strings, Chorus Organ, Steel Guitar, St. Orch Brass, Choir, Harps+Strings, Guitar+Organ **[PBM (Physical Behaviour Modelling)]** ● **Noises** Stopping-reed growl, Closing valve noise, Left button noise ● **Individual reed simulation** Hysteresis threshold, Expression curve, Pressure variant filter, Pressure variant pitch deviation ● **Switching reed sound wave** by bellows acceleration, by note repetition speed **[Musette Tuning]** ● **Micro tuning presets** 16: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish **[Effects]** ● **Reverb** 8 types ● **Chorus** 8 types ● **"Cassotto" and "Sordina" simulation** Yes **[Panel Controls]** ● **Knob controls** Volume, Treble / Bass balance, Reverb, Chorus **[Panel Switches]** ● **Treble registers** 10 + Orchestra + Set ● **Bass registers** 7 ● **Metronome** On, Off ● **Other switches** Sordina Mellow/Bright, Power **[Others]** ● **Display** 3 x 7 segment LED display ● **Color** Dark Grey ● **Rated Power Output** 2 x 11 W RMS (only FR-3sb), Speakers 10 cm x 2 speakers (using Neodymium transducer magnets) (only FR-3sb) ● **Onboard connectors** Headphones Jack (Stereo), Output Jack: L/Mono (Treble), R/Mono (Bass), MIDI connector: OUT/IN (adjustable via MIDI parameter) ● **Power supply** External AC adapter (100V to 240V universal), Battery (optional): AA type rechargeable battery ● **Dimensions** 471 (W) x 240 (D) x 387 (H) mm (18-9/16" x 9-7/16" x 15-1/4") ● **Weight** FR-3sb: 8.25 kg (18 lbs. 4 oz), FR-3b: 7.5 kg (16lbs. 9 oz.) ● **Accessories** External AC adapter, Owner's manual, Accordion cloth, Straps, Reference caps fro Treble and Bass buttons, Battery holder (pre-installed in compartment) ● **Option** Gigbag (BAG-FR-3)

● Option

BAG-FR-3
Gigbag

FR-3s/FR-3
V-Accordion

V-Accordion

- *37-key piano-type treble keyboard/120 bass buttons*
- *7 new Orchestral Chord/Orchestral Free Bass registers with completely new sounds*
- *MIDI output for controlling other instruments*
- *Supplied with an adapter and a battery compartment (for optional AA-type rechargeable batteries)*
- *Bellows resistance regulator*

■ FR-3s (with speakers)

■ FR-3 (without speakers)

Specifications

Covered by U.S. Patent No. 6,946,594

[Keyboard & Bellows] ● **Right hand** Piano-type, 37-key with velocity ● **Left hand** 120 bass buttons with velocity ● **Keyboard Mode** Right Hand: Solo, Dual, High/Low (for Orchestral Sounds) Left Hand: Standard, Free Bass, Orchestral bass, Orchestral chord, Orchestral free Bass ● **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor ● **Bellows Resistance Regulator** Wheel with 4 positions **[Sound]** ● **Sound Generator** Max polyphony: 64 voices ● **Tones** 10 Accordion Sets, each one including: 12 Treble registers, 7 Bass registers, 7 Free Bass registers ● **Treble reed footages** 4 ● **Bass reed footages** 5 ● **Chord reed footages** 3 ● **Free Bass footages** 2 ● **Orchestral Sounds** St. Strings, Chorus Organ, Steel Guitar, Stereo Orch Brass, Choir, Harps+Strings, Guitar+Organ ● **Orchestral Bass Sounds** Acoustic, Bowed, Fingered, Fretless, Picked, Tuba, Tuba Mix ● **Orchestral Free Bass Sounds** Trombone, Clarinet, Oboe, Flute, Perc Organ, Ac Guitar, Ac Piano ● **Orchestral Sounds** Trumpet, Trombone, Alto Sax, Clarinet, Harmonica, Violin, Flute, Jazz organ, Blues Perc. Organ **[PBM (Physical Behaviour Modeling)]** ● **Noises** Stopping-reed growl, Closing valve noise, Left button noise ● **Individual reed simulation** curve, Pressure variant filter, Pressure variant pitch deviation ● **Switching Reed Sound Wave** By bellows acceleration, By note repetition speed **[Musette tuning]** ● **Micro tuning presets** 16: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish **[Effects]** ● **Reverb** 8 types ● **Chorus** 8 types ● **"Cassotto" and "Sordina" simulation** Yes **[Panel controls]** ● **Knob controls** Volume, Treble/Bass balance, Reverb, Chorus **[Panel Switches]** ● **Treble Registers** 10 + Orchestra + Set ● **Bass Registers** 7 ● **Metronome** On, Off ● **Other switches** Sordina Mellow/Bright, Power **[Others]** ● **Display** 3 x 7 segment LED display ● **Color** Dark Grey ● **Onboard connectors** Headphones Jack (Stereo), Output Jack: L/Mono (Treble), R/Mono (Bass), MIDI connector: OUT/IN (adjustable via MIDI parameter) ● **Power supply** External AC adapter (100V to 240V universal), Battery (optional): AA type battery ● **Dimensions** 481 (W) x 270 (D) x 425 (H) mm (18-15/16" x 10-11/16" x 16-3/4") ● **Weight** FR-3s: 8.25 kg (18 lbs. 4 oz) , FR-3: 7.5 kg (16 lbs. 9 oz.) ● **Accessories** External AC adapter, Owner's manual, Accordion cloth, Straps, Bass reference caps, Battery holder (pre-installed in compartment) ● **Option** Gigbag (BAG-FR-3)
Weight without straps and without optional battery

● Option

BAG-FR-3
Gigbag

FR-3s WHITE/FR-3sb WHITE
V-Accordion

- *37-key piano-type treble keyboard/120 bass buttons (FR-3s WHITE)*
- *92-button keyboard with the ability to change the layout of the Treble button keyboard (FR-3sb WHITE)*
- *7 new Orchestral Chord/Orchestral Free Bass registers with completely new sounds*
- *MIDI output for controlling other instruments*
- *Supplied with an adapter and a battery compartment (for optional AA-type rechargeable batteries)*
- *Bellows resistance regulator*

■ FR-3s WHITE

■ FR-3sb WHITE

● **Pearl White colored cabinet** ● **Two-toned bellows: white/purple red** ● **Shoulder strap: leather/Alcantara©**
● **Bass strap: leather/Alcantara** ● **Bellows stops: leather** ● **Cushion: Alcantara**

Specifications

Covered by U.S. Patent No. 6,946,594

[Keyboard & Bellows] ● **Right hand** FR-3s WHITE: Piano-type, 37-key with velocity, FR-3sb WHITE: 92-button right-hand keyboard ● **Left hand** 120 bass buttons with velocity, Standard, Free Bass mode, Orch. Bass, Orch. Chord, Orch. Free Bass ● **Bellows** Real pneumatic detection of bellows pressure, high-resolution pressure sensor ● **Bellows Resistance Regulator** Wheel with 4 positions **[Sound]** ● **Sound Generator** Max polyphony: 64 voices ● **Tones** 10 Accordion Sets, each one including: 12 Treble registers, 7 Bass registers, 7 Free Bass registers ● **Treble reed footages** 4 ● **Bass reed footages** 5 ● **Chord reed footages** 3 ● **Free Bass footages** 2 ● **Orchestral Sounds** Trombone, Trumpet, T Sax, A Sax, Clarinet, Harmonica, Violin, Flute, Jazz Org, Blues Org ● **Orchestral Bass Sounds** Acoustic, Bowed, Fingered, Fretless, Picked, Tuba, Tuba Mix ● **Orchestral Free Bass Sounds** Trombone, Clarinet, Oboe, Flute, Perc Organ, Ac Guitar, Ac Piano ● **Orchestral Chord Sounds** St. Strings, Chorus Organ, Steel Guitar, St. Orch Brass, Choir, Harps+Strings, Guitar+Organ **[PBM (Physical Behaviour Modeling)]** ● **Noises** Stopping-reed growl, Closing valve noise, Left button noise ● **Individual reed simulation** curve, Pressure variant filter, Pressure variant pitch deviation ● **Switching Reed Sound Wave** By bellows acceleration, By note repetition speed **[Musette tuning]** ● **Micro tuning presets** 16: Off, Dry, Classic, F-Folk, American L/H, North Europe, German L/H, D-Folk L/H, Alpine, Italian L/H, French, Scottish **[Effects]** ● **Reverb** 8 types ● **Chorus** 8 types ● **"Cassotto" and "Sordina" simulation** Yes **[Panel controls]** ● **Knob controls** Volume, Treble/Bass balance, Reverb, Chorus **[Panel Switches]** ● **Treble Registers** 10 + Orchestra + Set ● **Bass Registers** 7 ● **Metronome** On, Off ● **Other switches** Sordina Mellow/Bright, Power **[Others]** ● **Display** 3 x 7 segment LED display ● **Onboard connectors** Headphones Jack (Stereo), Output Jack: L/Mono (Treble), R/Mono (Bass), MIDI connector: OUT/IN (adjustable via MIDI parameter) ● **Power supply** External AC adapter (100V to 240V universal), Battery (optional): 10 Ni-MH rechargeable AA type battery ● **Dimensions** FR-3s WHITE: 481 (W) x 270 (D) x 425 (H) mm (18-15/16" x 10-11/16" x 16-3/4"), FR-3sb WHITE: 471 (W) x 240 (D) x 387 (H) mm (18-9/16" x 9-7/16" x 15-1/4") ● **Weight** FR-3s WHITE: 8.25 kg (18 lbs. 4 oz) ,FR-3sb WHITE: 8.25 kg (18 lbs. 4 oz) ● **Accessories** External AC adapter, Owner's manual, Accordion cloth, Straps, Bass reference caps, Battery holder (pre-installed in compartment), Treble reference caps (only for FR-3sb WHITE) ● **Option** Gigbag (BAG-FR-3) *Weight without straps and without optional battery*

● **Option**

BAG-FR-3
Gigbag

C-190
Classic Organ

- *76 keys for two-manual performances*
- *New 128-voice polyphonic sound engine*
- *Flexible combination of sounds*
- *High-quality sound and unlimited combination*
- *Unique Windchest Panning feature*

■ C-190 shown with the optional piano stand (KS-C-190)

Specifications

● **Keyboard** Number of Keys: 76 (to simulate two manuals), Key velocity: Available for orchestra tones (not for organ voices) ● **Sound Generator and polyphony** PCM Sound Generator, 128-voice polyphony ● **Tones** Pedal Division (Subbass 16', Principal Bass 16', ViolinBass 16', OctaveBass 8', Gedackt 8', Bombarde 16', Trumpet 8', Choral Bass 4', Clarinet 4'), Manual I Division (Principal 8', Diapason 8', Bourdon 8', Spitzflöte 4', Rohrflöte 4', Principal 4', Octave 2', Waldflöte 2', Mixture IV 1-1/3', Sesquialtera II 1-1/3', Sifflet 1', Trompete 8', Trompette 8', Regal 8', Trompete 4'), Manual II Division (Bourdon 8', Flute 8', Geigen Principal 8', Gemshorn 8', Viole Celeste II 8', Salicional 8', Gambe 16', Prestant 4', Koppelflöte 4', Fugara 4', Quinte 2-2/3', Doublette 2', Tierce 1-1/3', Scharff III 1', Vox Humana 8', Fagott 16', Krummhorn 8', Hautbois 8', Clarion 4'), Orchestra Tones (14 orchestra Tones (PEDAL: Ac. Bass, Stringed, Cello. MANUAL I: Piano, E. Piano, Guitar, Strings, Choir. MANUAL II: Harpsi, Brass, Violin, Oboe, Flute, Chimes)) ● **Effect** Reverb: 8 different types, with adjustable depth ● **Panel Controls** VOLUME, PEDAL and MANUAL I sliders, 15 tilt tabs with orange indicators, TRANSPOSE button, TUNE button, UP/DOWN buttons, ORCHESTRA button, SET/SPLIT button, M1/2 (memory bank selection), MEMORIES buttons for 2 x 4 registrations, REC button, PLAY button, REVERB button, WINDCHEST PANNING button ● **Other functions** Demo Songs: 28 Demo Songs (4 Banks: Weddings, Orchestra, Variety, Bach), Transpose: –5 to +6 (in semitones), Recorder: Easy 1-track Recorder (records notes and setting), 4 song memories ● **Connectors** PEDAL IN (to connect PK-7A/PK-25A), MIDI IN & OUT, OUTPUT Stereo (L/Mono, R), EXP/SUST (sustain works only for orchestra tones) ● **Rated Power Output** 10W + 10W ● **Speakers** 10cm x 2 ● **Power Supply** PSB-4U adapter ● **Dimensions** 1,156 (W) x 347 (D) x 108 (H) mm (45-9/16" x 13-11/16" x 4-1/4") ● **Weight** 11.0 kg (24 lbs. 5 oz.) ● **Accessories** Owner's manual, PSB-4U Adaptor, Power Cord, Music Rest ● **Options** Organ Stand (KS-C-190), Pedalboard (PK-7A/PK-25A), Pedal (DP-2), Expression Pedal (EV-5)

GW-7
Workstation

- *Affordable, friendly workstation with international-pop sounds and arrangements*
- *61-key velocity sensitive keyboard, 64-note polyphony*
- *Over 860 Tones, 60 Drum Kits, 110 Performances*
- *47 types of Multi-FX, 8 types of reverb, 8 types of chorus*
- *USB for transferring styles and SMF songs*
- *16-track sequencer with Punch-In/Out*
- *D Beam for expressive realtime performance*
- *Bonus newly sampled ethnic instruments and authentic styles*

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Parts** 16 parts + Keyboard part ● **Wave Memory** 32 M bytes (16-bit linear equivalent) ● **Preset Memory** Tones: 606 + 256 (GM2), Drum Sets: 51 + 9 (GM2), Performances: 110 ● **User Memory** Tones: 128, Drum Sets: 16, Performances: 32 ● **Effects** Multi-FX: 47 types, Reverb: 8 types, Chorus: 8 types ● **Transpose** -12 to +12 **[Backing Track]** ● **Tempo** 20 to 250 ● **Tracks** 16 ● **16-track Recorder Mode** 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ● **Preset Memory** Styles: 110 ● **User Memory** Styles: 99, Songs: 99 ● **Band Type** 3 levels: Drum & Bass, Combo, Full Band **[USB (Data transfer)]** ● **Operating System** Windows: Windows 2000/Me/XP, Macintosh: Mac OS 9.0.4 or later, Mac OS X 10.0 or later ● **Controllers** D Beam Controller: 1, Pitch Bend/Modulation Lever: 1, Control Knobs: 2 ● **Display** Large backlit custom LCD ● **Connectors** Output Jacks (L/MONO, R), Headphones Jack, MIDI Connectors (IN, OUT), Hold Pedal Jack, Control Pedal Jack, USB Connector ● **Power Supply** DC 9 V (AC Adaptor), Current Draw 1,000 mA ● **Dimensions** 1,045 (W) x 320 (D) x 86 (H) mm (41-3/16" x 12-5/8" x 3-7/16 ") ● **Weight** 5.0 kg (11 lbs. 1 oz.) (excl. AC adaptor) ● **Accessories** Owner's Manual, AC Adaptor ● **Options** Pedal Switch (DP Series), Foot Switch (BOSS FS-5U), Expression Pedal (EV-5), Keyboard Stand (KS-12)

E-09
Interactive Arranger

- *Newly designed Musical Styles, including Western, Middle East, and Asian*
- *High-performance speaker system onboard 7.5W + 7.5W*
- *New high-quality sound engine; GM2 compliant*
- *64-voice polyphony*
- *800-plus tones, 70 drum kits*
- *47 Multi-FX plus reverb and chorus*

- *16-Track recorder with Easy Mode*
- *Friendly Music Assistants, One-Touch settings*

Specifications

● **Keyboard** 61 keys (with velocity) **[Sound Generator]** ● **Max. Polyphony** 64 voices ● **Parts** 16 parts + Keyboard part ● **Wave Memory** 32MB (16-bit linear equivalent) ● **Tones** Tones: 614 + 256 (GM2), Drum Sets: 61 + 9 (GM2) ● **Effects** Multi-FX: 47 types, Reverb: 8 types, Chorus: 8 types ● **Transpose** -12 to + 12 (in semitones) **[Arranger]** ● **Tempo** 20 to 250 ● **Styles** 130 Styles ● **Band Orchestrator** 3 types: Drum & Bass, Combo, Full Band ● **User Program** 100 programs ● **One Touch Setting** 2 Settings / styles ● **Control** start/stop, sync start, intro, original, fill in, variation, ending, tap tempo ● **Melody Intelligence** 18 types ● **Music Assistant** 130 types **[Metronome]** ● **Signature** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4, 6/8, 9/8 **[Song Controls]** ● **Tracks** 16 ● **16-track Recorder Mode** 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ● **Control** start/stop, reording, reset, rewind, forward, marker A-B, repeat A-B **[Others]** ● **Rated Power Output** 7.5 W + 7.5 W ● **Speaker Dimension** 10 cm x 2 ● **Controllers** Pitch Bend/Modulation Lever ● **Display** Large backlit custom LCD ● **Connectors** Output Jacks (L/MONO, R), Headphones Jack 1/2, MIDI Connectors (IN, OUT), Foot Switch Jack ● **Power Supply** DC 9 V (AC Adaptor) ● **Current Draw** 2,000 mA ● **Dimensions** 1,045 (W) x 320 (D) x 128 (H) mm (41-3/16" x 12-5/8" x 5-1/16") ● **Weight** 7.3 kg (16 lbs. 2 oz.) (excl. AC adaptor) ● **Accessories** Music rest, Owner's Manual, AC Adaptor ● **Options** Keyboard Stand (KS-12), Pedal Switch (DP Series), Foot Switch (BOSS FS-5U)

E-80
Music Workstation

DigiScore
V-LINK

- *Roland's most powerful workstation, with brand new piano, drums, bass, and guitars for unrivaled musical quality*
- *High-quality playback of SMF*
- *Powerful onboard speaker system*
- *Attractive cosmetic design*
- *Vocal Harmonist built in*
- *Guitar Mode*
- *User-Friendly interface*
- *2 x Expansion slots*
- *Text and Image Viewer*
- *Dual Mastering Tool*
- *Easy computer connection*

GENERAL midi2 · XG xGlite · SMF LYRICS · 2 SRX · USB

Specifications

● **Keyboard** 61 keys velocity sensitive with aftertouch **[Sound Source]** ● **Max polyphony** 128 ● **Tones** 1100 panel tones, 54 Drums kits, dedicated EQ for each Oscillator (on Realtime/Style/Song parts) and for each drum instrument on Styles and Songs ● **SRX Expansion Board slots** 2 (for SRX series and SR-G01) ● **Multitimbral parts** 32 ● **Effect Processors:** dedicated Reverb, Chorus, MFX for Realtime parts (including separated Harmonic Bar effects); dedicated Reverb, Chorus, 3 x independent MFX for Style/Songs parts; Dual Mastering Tools (for Realtime and Style/Song parts) ● **Compatibility** GM2/ GS/ XG Lite **[Styles]** ● more than 350 styles on 12 families ● **User Style Composer** Yes ● **One Touch Setting** 4 for each Style with customisation **[Cover]** Yes **[Makeup Tools easy editing]** yes, new independent 3-band EQ (with Q) management for each instrument (incl. each drum instrument); 3 dedicated MFX for each Style/Song. **[Panel Controls]** ● User-Friendly interface ● **Pitch Bender and Modulation** Yes ● **D Beam** Yes, (4 modes) ● **Knobs** 3 dedicated knobs for: Master Volume, Keyboard / Accomp balance, External Source Volume ● **Keyboard Part / Part Assign Switches** Upper1, Upper2, Upper3, Lower1, Lower2, Manual Bass ● **Display** Color Touchscreen with selectable beep **[Player / Recorder]** ● **Mark / Jump** Yes, 4 locations for each Song ● **Sequencer** 16-Track Sequencer, SMF to Style Converter ● **DigiScore** Yes ● **Lyrics Display** Yes, with automatic Chord Extractor and Text Import/Export possibility ● **Viewer** Yes, for .txt and .bmp files **[Harmonic Bar]** ● **Virtual ToneWheel technology** with Percussion, Leakage, Rotary, Vibrato and Overdrive effects **[Vocal Harmonist]** ● **Mode** 4 Modes: Talk, Voice-FX, Auto Pitch, Singer ● **Programmable Harmony** 3 Types: 30 Small, 30 Ensemble, 24 Vocoder **[Music Assistant / User Program registrations]** ● **Music Assistant** unlimited number ● **User Program** unlimited number, 144 User Program links on each set **[Data Storage]** ● **FDD** 3.5" 2HD/2DD ● **Internal SSD (Solid State Disk)** 64MB ● **PC Card Slot** 1 PCMCIA slot for: Microdrive (1.0" hard disk drive)*, CompactFlash*, Memory Stick*, SmartMedia*, *using Card adaptor ● **Type of files managed** Style, Song (.mid /.kar files), User Program, User Program set, MIDI Set, Play List, File.txt, File.bmp **[Other functions]** ● **Guitar Mode** Yes ● **Finder** Song, Style, User Program ● **Easy Setting** Arranger, Organ, Guitar, Piano ● **Chord Alteration System** Adaptive Chord Voicing ● **Melody Intelligent** Yes, 18 Types, Melody Intelligent 2nd Tone customization ● **New dynamic Split function** Yes, two modes ● **Tap Tempo** Yes ● **Transpose with Singer Key Adapter** Yes, -6 ~ +5 ● **Song Chord Extractor** Yes ● **Fade IN/OUT** Yes, programmable ● **Assignable SW** Yes, 2 programmable with Break Mute selection ● **V-LINK** Yes ● **Updating system** Yes, on Flash **[Connectors]** ● **USB / MIDI** MIDI IN, OUT, THRU sockets ● **Audio Output / Audio Input** Audio Output: Main (L/mono, R). Metronome Output; Audio Input: External Audio Input (L, R), Vocal Harmonist Input (XLR / TRS, balanced / unbalanced) ● **Jacks** 1 x Hold Pedal, 1 x Assignable Switch, 1 x Expression Pedal, 1 x FC-7 Control Pedal ● **Video Output** Yes, for Lyrics and Chords (2 types), Text and BMP files viewer ● **Phones** 2 **[Internal Amplification]** Speakers: 2 x 13 cm (woofer), 2 x 6,6 cm (tweeter), Rated Power Output: 2 x 35W, 2 x 12W (with Bass Reflex system), Dedicated speaker off switch: yes **[Others]** ● **Dimensions** 1,176 (W) x 489 (D) x 198 (H) mm (46-5/16" x 19-1/4" x 7-13/16") ● **Weight** 22.5 kg (49 lbs. 10 oz.) ● **Accessories** Owner's Manual, Power Cord, Music Rest, bundled CD-ROM (it contains the factory data, USB-MIDI driver (for Mac/PC), DATABASE MANAGER software)

■ **E-80** shown with the optional keyboard stand (KS-E-80)

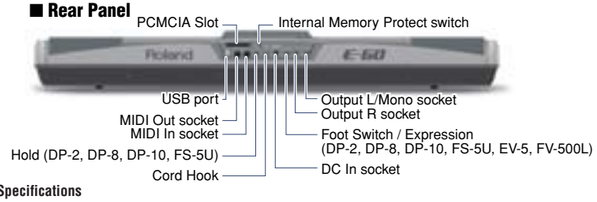
E-60/E-50
Music Workstation

DigiScore
V-LINK

■ **E-60** (76-key version)

- *The best sound generator in its price range*
- *Fresh musical content*
- *Musical data compatibility with the E-80/G-70 models*
- *Attractive and lightweight design*
- *Powerful bi-amped sound system with Bass Reflex System and Digital Bass Enhancer*
- *Intuitive User Interface thanks to the 16 gray-scale large graphic LCD with touchscreen*
- *Powerful features included, featuring Makeup Tools, DigiScore®, Lyrics, 16-Track Sequencer, onboard User Style Composer*
- *Data Storage: Internal SSD (16MB), FDD, and PCMCIA slot*
- *Easy computer connection via USB (MIDI and data storage)*

■ **Rear Panel**



■ **E-50** (61-key version)

GENERAL midi2 · XG xGlite · SMF LYRICS · USB

Specifications

[Keyboard] E-60: 76 keys with velocity sensitive, E-50: 61 keys with velocity sensitive **[Sound Source]** ● **Max polyphony** 64 ● **Tones** 1050 Panel Tones, 34 Drum Sets ● **Multi timbre parts** 32 ● **Effect Processors** 8 Reverb, 8 Chorus, 41 Multi-FX ● **Compatibility** GM2 / GS / XG Lite **[Styles]** ● 136 styles ● **User Style Composer** Yes ● **One Touch Setting** 4 for each Style with customization **[Cover]** Yes **[Makeup Tools]** Yes **[Panel Controls]** ● **Rotary Encoder with push switch** Yes ● **Pitch Bender and Modulation** Yes ● **D Beam:** Yes (only E-60) ● **Keyboard / Accomp Balance** Dedicated knob ● **Keyboard Part / Part Assign Switches** Upper1, Upper2, Lower, Manual Bass ● **Display** 16 gray-scale graphic LCD with touchscreen **[Player / Recorder]** ● **Mark / Jump** Yes, 4 locations for each Song ● **Sequencer** 16-Track Sequencer, SMF to Style Converter ● **DigiScore** Yes ● **Lyrics Display** Yes, with automatic Chord Extractor ● **Text Import / Export** Yes **[User Programs]** 144 **[Music Assistant]** More than 350 presets, programmable **[Data Storage]** ● **FDD** 3.5" 2HD / 2DD ● **Internal SSD (Solid State Disk)** 16MB ● **PC Card Slot** 1 PCMCIA slot for: Microdrive (1.0" hard disk drive)*, CompactFlash*, Memory Stick*, SmartMedia*, *using Card adaptor ● **Type of files managed** Style, Song(SMF), User Program, MIDI Set, Play List, File.txt **[Other functions]** ● **Guitar Mode** Yes ● **Finder** Song, Style, User Program ● **Easy Setting** Arranger, Organ, Guitar, Piano ● **Chord Alteration System** Adaptive Chord Voicing ● **Melody Intelligent** Yes, 18 types, Melody Intelligent 2nd Tone customization ● **Tap Tempo** Yes ● **Transpose** Yes, -6 to +5 ● **Song Chord Extractor** Yes ● **Fade IN / OUT** E-60: Yes, programmable ● **V-LINK** Yes ● **Updating system** Yes, on Flash **[Connectors]** ● **MIDI** IN, OUT ● **USB** for data transfer and MIDI ● **Audio Output** Main (L /Mono, R) ● **Jacks** Hold, Foot Switch / Expression ● **Phones** 2 **[Internal Amplification]** ● **Speakers** 2 x 10 cm (woofer), 2 x 3 cm (tweeter) ● **Rated Power Output** 2 x 8W + 2 x 2W (with Bass Reflex System) **[Others]** ● **Dimensions** (Incl. Music Rest) E-60: 1,260 (W) x 374 (D) x 324 (H) mm (49-5/8" x 14-3/4" x 12-13/16"), E-50: 1,020 (W) x 356 (D) x 317 (H) mm (40-3/16" x 14" x 12-1/2") ● **Accessories** Owner's Manual, External AC Adaptor, Music Rest, bundled CD-ROM (it contains the factory data, USB-MIDI driver (for Mac/PC), DATABASE MANAGER software)

G-70 *Version 3*
Music Workstation

DigiScore
V-LINK

- *1,596 panel Tones, 48 drum kits*
- *76-key Pro-Action Keyboard*
- *Harmonic Bar section with Virtual ToneWheel technology*
- *Expandable via optional SRX-series and SR-G01 Wave Expansion Board*
- *Vocal Harmonist, with Auto Pitch Correct and Vocoder*
- *299 styles covering 12 genres, 16-Track Sequencerand 8-Track Style Composer (with Micro and PianoRoll editing), Song to Style Converter*
- *New Guitar Mode function (available also on 16-Track Sequencer and 8-Track Style Composer)*
- *DigiScore® and Lyric display, Mic input, with noise gate, compressor, 9 reverbs, 9 delays*
- *New G-70 DATABASE Manager software for PC and Mac*
- *Dedicated 3-Band EQ for all Keyboard Parts, Style Instruments, and SMF Instruments*
- *New One-Touch Setting structure to manage the parameters of individual EQ for Keyboard Part and MFX type*

SR-G01
G-70 Upgrade Kit

- *Roland's finest sounds*
- *Powerful drum kits & drum loops onboard*
- *30 new Music Styles included*

With the new SR-G01 Upgrade kit, the G-70 will be more than twice as powerful. The SR-G01 is a dedicated expansion board for G-70 and E-80. It provides new fresh sounds: Acoustic and Electric Pianos, a vast selections of bass, guitars with Wah Wah simulation, a new patch of suite soprano sax, a wonderful trumpet, a wide group of East European oriented sounds, new drum kits and much more.

GENERAL midi2 · XG xGlite · SMF LYRICS · 1 SRX · USB

Specifications

● **Keyboard** 76 key Pro-Action Keyboard with aftertouch **[Sound source]** ● **Max. Polyphony** 128 voices ● **Tones** 1596 panel tones, 48 Drums kits, dedicated EQ for each Oscillator (on Realtime/Style/Song parts) and for each drum instrument on Styles and Songs ● **SRX Expansion Board slot** Yes, 1 (for SRX series/SR-G01) ● **Multitimbral parts** 32 ● **Effect Processors** dedicated Reverb, Chorus, MFX for Realtime parts (including separated Harmonic Bar effects); dedicated Reverb, Chorus, for Style/Songs parts, Mastering section - Parametric EQ, Multi-Band Comp. ● **Compatibility** GM2/GS/XG Lite **[Styles]** ● 299 styles on 12 families ● **User Style Composer** Yes ● **One Touch Setting** 4 for each Style, programmable ● **Cover** Yes ● **Makeup Tools** For Songs and Styles, new independent 3-band EQ (with Q) management for each instrument (incl. each drum instrument) **[Panel controls]** ● User-Friendly interface ● **Pitch Bender and Modulation** Yes ● **D Beam** Yes, (4 modes) ● **Keyboard/Accomp Balance** Yes ● **External Source Volume** Yes ● **Keyboard Part/Tone Assign Switches** Upper1, Upper2, Upper3, Lower1, Lower2, Manual Bass ● **Display** Color Touchscreen with selectable beep **[Player/Recorder]** ● **Mark/Jump** Yes, 4 location for each song ● **Sequencer** 16 tracks ● **DigiScore** Yes ● **Lyrics Display** Yes with Chord Extractor ● **Text Import/Export** Yes **[Vocal Harmonist]** ● **Mode** 4 Modes: Talk, Voice-FX, Auto Pitch, Singer ● **Programmable Harmony** 3 Types: 30 Small, 30 Ensemble, 24 Vocoder ● **User Programs:** Unlimited ● **Music Assistant:** approx. 500 presets, programmable **[Data Storage]** ● **FDD** 3.5" 2HD/2DD ● **Internal SSD(Solid State Disk):** 64MB ● **PC Card Slot** 1 (supports: Microdrive, CompactFlash, Memory Stick, SmartMedia, using Card adaptor) ● **Type of files managed** Style, Song (SMF), User Program, MIDI Set, Play List, File.txt **[Other functions]** ● **Guitar Mode** Yes ● **Finder** Song, Style, User Program ● **Easy Setting** Arranger, Organ, Piano, Guitar Mode ● **Chord Alteration System** Adaptive Chord Voicing ● **Melody Intelligent** Yes, 18 Type (with tone customizing) ● **Tap Tempo** Yes ● **Transpose with Singer Key Adapter** Yes, -6 ~ +5 ● **Song Chord Extractor** Yes ● **Fade OUT/IN** Yes, programmable ● **Assignable SW** Yes, 2 programmable ● **V-LINK** Yes ● **Updating system** Yes, on Flash **[Connectors]** ● **USB** 1, for File transfer/MIDI ● **MIDI** IN, OUT, THRU ● **Audio Output** Main (L/mono,R), Direct (L,R), Vocal Harmonist (L,R), Metronome Output ● **Audio Input** External Audio Input (L,R), Vocal Harmonist Input (XLR/TRS, balanced/unbalanced) ● **Jacks** 1 x Hold Pedal, 1 x Assignable Switch, 1 x Foot Pedal, 1 x FC-7 Control Pedal ● **Video Output** Yes, for Lyrics and Cord (2 types) ● **Phones** 1 **[Other]** ● **Power Consumption** 29W ● **Dimensions** 1,294.5 (W) x 436.5 (D) x 157 (H) mm (51" x 17-3/16" x 6-3/16") ● **Weight** 20.5 kg (45 lbs. 4 oz.) ● **Accessories** Owner's Manual, Power Cord, Music Stand, bundled CD-ROM (it contains the factory data, and the USB-MIDI driver for Mac-PC)

EXR-5s
Interactive Arranger

V-LINK

- *Maximum 64 voice polyphony*
- *510 high quality instrument sounds and 20 drum kits*
- *Total 164 "live feel" Music Styles and 126 Music Assistant Settings*
- *Total 4MB* Flash Memory and USB port for musical expandability*
- *Unique Cover function for Styles and Songs*

**Approx 2.5MB is used with pre-loaded style/song data*

GENERAL midi2 · XG xGlite · USB

Specifications

● **Keyboard** 61 keys, velocity sensitive ● **Max Polyphony** 64 voices; ● **Tones** 530 panel selectable tones including 20 drum kits (542 XG compatible sounds/256 GM2 compatible sounds) ● **Parts** 19 ● **Music Styles** 164 Styles in Flash Memory (84 factory + 80 customisable); One Touch: 2 x 84; Orchestrator: 3 levels: Drum&Bass, Combo, Full Band; Style Cover: 5 (Acoustic, Pop, Rock, Dance, Ethnic) ● **Songs:** Up to 99 in Flash Memory ● **Recorder** 16-Track Recorder : 4 easy modes (ALL, Keyboard, Single, Punch In/Out) ● **Flash Memory** 4 MB for Music Styles, User Program sets and Songs ● **User Program** 100 ● **Effects** Reverb: 8 types; Chorus: 8 types; Multi-FX: 47 types ● **Data Storage** FDD 3.5" 2HD/2DD ● **Other functions** 3 easy modes: Piano/Solo, Arranger/Band, Pianist; Music Assistant: 126 settings; Melody Intelligence: 18 types; Octave (-4-4); Transpose (-12-12) ● **Connections** USB MIDI Communication and file transfer; MIDI IN, OUT; Outputs: L/Mono, Right (1/4" phone jacks), Phones 1/2, DC IN (adapter) ● **Others Rated Power Output:** 10W x 2 with "Digital Bass Enhancer"; Stereo speakers: 2 full-range 13 cm with Bass Reflex System ● **Dimensions** 1,020 (W) x 355 (D) x 132 (H) mm (40-3/16" x 14" x 5-1/4") ● **Weight** 8.0 kg (17 lbs. 11 oz.) ● **Accessories** Owner's Manual, PSB-4U adapter, Music Rest, USB Cable, CD-ROM with USB driver

EXR-40OR
Oriental Keyboard

V-LINK

- *High-quality 64-voice polyphonic sound engine stocked with oriental instrument samples, rhythms, and styles*
- *12 Scale Tuning buttons, plus 3 dedicated memory selection buttons for realtime scale changes*
- *200 User Programs with advanced features for live applications*
- *Built-in sound system with Bass Reflex feature and Digital Bass Enhancer*
- *16-track sequencer and metronome*
- *4MB of internal Flash memory for musical expandability*
- *8 types of reverb, 8 types of chorus, and 47 MFX*
- *USB for MIDI communication and data exchange with a computer*
- *Convenient One-Touch settings*
- *Huge collection of oriental / international Styles*

GENERAL midi2 · XG xGlite · USB

Specifications

● **Keyboard** 61 keys, velocity sensitive **[Sound source]** ● **Max. Polyphony** 64 voices ● **Tones** 592 selectable by panel including 56 oriental and 26 drum kits (compatibility with 542 XG and 256 GM2) ● **Drum Sets** 26 Kits including 6 oriental ● **Multitimbral parts** 19 ● **Compatibility** GM2, GS, XG Lite **[Panel Layout]** ● **Display** New backlit custom display ● **Tone Select** 1 – 8, Family + Number ● **Numeric keypad** 0 – 9 ● **Oriental Scale buttons** 12, with LED ● **Scale Memory buttons** 3, with LED **[Styles]** ● **Styles** 99 factory (internal) + 99 changeable (external) ● **One Touch** 2 for each factory Style ● **Orchestrator** 3 levels **[Player/Recorder]** ● **Realtime SMF player** Yes ● **16-track sequencer** 4 easy modes: All, Keyboard, Single, Punch In/Out **[User Programs]** ● **User Programs** 200 **[Effects]** ● **Reverb** 8 types ● **Chorus** 8 types ● **Multi-effects** 47 MFX types **[Data Storage]** ● **FDD** 3.5" 2HD/2DD **[Other functions]** ● **Metronome** Yes ● **Time Signature setting** 1/4, 2/4, 3/4, 4/4, 5/4, 6/4,7/4, 8/4, 9/4, 1/8, 2/8 3/8,4/8, 5/8, 6/8, 7/8, 8/8, 9/8 ● **Easy modes** 3 (Piano Solo, Pianist, Arranger Band) ● **Music Assistant** 126 settings ● **Melody Intelligence** 18 types ● **V-LINK** Yes ● **Output Power** 10W + 10W with "Digital Bass Enhancer" ● **Stereo Speakers** 2 x 13 cm **[Connectors]** ● **USB** MIDI communication and file transfer ● **Headphones** 2 ● **Audio Outputs** L, R ● **MIDI** IN, OUT **[Other]** ● **Dimensions** 1,020 (W) x 355 (D) x 132 (H) mm (40-3/16" x 14" x 5-1/4") ● **Weight** 8.0 kg (17 lbs. 11 oz.)

Compact Pedal Effects

ADD DISTORTION

OD-3
OverDrive

Classic BOSS overdrive, based on a dual-stage design with Variable Drive and Tone controls.

OS-2
OverDrive/ Distortion

A flexible pedal capable of producing overdrive, distortion, or a combination of both.

SD-1
SUPER OverDrive

Produces warm, smooth overdrive that responds to your picking style just like a tube amp.

BD-2
Blues Driver®

Get the tone of a bluesy, vintage tube amp in a versatile compact pedal.

ADD DISTORTION

DS-2
TURBO Distortion

Features twin modes for an expanded range of distortion from blues-rock rhythms to searing leads.

DS-1
Distortion

A classic! Add some hard-edged distortion while preserving the subtle nuances of your playing dynamics.

MT-2
Metal Zone®

Features dual-gain circuitry for thick, tube stack distortion. Includes a 3-band EQ with semi-parametric mids.

MD-2
Mega Distortion

This pedal's dual Distortion and Gain Boost circuits are ideal for "nu-school" metal sounds.

ADD ACOUSTIC DIMENSION

DD-6
Digital Delay

A stereo delay with delay/hold times up to 5,200ms, plus unique Reverse and Warp effects.

DD-3
Digital Delay

Creates delays from 12.5ms to 800ms. Includes three distinct modes and a cool Hold function.

RV-5
Digital Reverb

A stereo pedal with six pro-quality reverbs including spring reverb, and a new Modulate mode.

MODULATE AND DOUBLE SOUNDS

CE-5
Chorus Ensemble

Produces everything from mild, natural chorusing to the penetrating stereo chorus popular in contemporary music.

MODULATE AND DOUBLE SOUNDS

CH-1
SUPER Chorus

Delivers a clean chorus sound with crystal-clear highs, plus a unique stereo effect and EQ.

BF-3
Flanger

An advanced pedal with BOSS's thickest stereo flanging ever, plus new Gate/Pan and Slicer effects.

PH-3
Phase Shifter

Features vintage BOSS phasing effects including new "Rise" and "Fall" effects and tap tempo sync.

TR-2
Tremolo

Reproduces the classic tremolo effects of vintage '60s amps using a Low Frequency Oscillator (LFO).

CHANGE TONALITY OF SOUNDS

GE-7
Equalizer

Offers 7-band equalization with frequencies from 100Hz to 6.4kHz and a 15dB boost/cut per band.

AW-3
Dynamic Wah

A unique wah capable of producing human-voice type sounds. Includes a dedicated Bass input.

AC-3 COSM
Acoustic Simulator

The AC-3 is a new-generation compact pedal that employs COSM® modeling technology to transform any electric guitar into a variety of beautiful acoustic guitars.

REGULATE GAIN LEVELS

CS-3
Compression Sustainer

Compresses louder signals while boosting lower signals for smooth sustain without loss of signal quality.

CHANGE A SOUND'S PITCH

PS-5
SUPER Shifter

Combines intelligent pitch shifting (+/-2 octaves) and Harmonist functions with new Tremolo Arm/Flutter effects.

OC-3
SUPER Octave

This guitar/bass pedal has the original OC-2 effects, new Polyphonic Octave effects, and a Drive mode.

REDUCE NOISE

NS-2
Noise Suppressor

Features a unique noise detection circuit that eliminates noise and hum without altering your tone.

CHANGE CONNECTIONS

LS-2
Line Selector

The easy way to switch settings among several effects or amplifiers, or route input/output signals.

BASS EFFECT UNITS

ODB-3
Bass OverDrive

An overdrive effect designed to cover the frequency range of bass guitars, including 5-string basses.

CEB-3
Bass Chorus

A split-frequency chorus capable of applying warm, rich chorus to higher frequencies without muddying the lows.

GEB-7
Bass Equalizer

A 7-band EQ with a frequency range from 50Hz to 100kHz—ideal for bass guitar.

LMB-3
Bass Limiter Enhancer

Smoothes out your playing by eliminating harsh volume peaks, even when using slap and pop techniques.

BASS EFFECT UNITS

SYB-5
Bass Synthesizer

Utilizing the latest in DSP technology, the SYB-5 emulates the fat, cutting sounds of classic analog synthesizers.

Tuner

TU-2
Chromatic Tuner

Legendary BOSS tuning in a compact pedal. A 7-segment LED and 11-point Stream Meter make tuning easy.

Other

NEW

RC-2
Loop Station

The RC-2 offers up to 16 minutes of record time, plus Loop Quantize, Guide-Tone drum patterns, undo/redo, and an AUX input to capture phrases from external audio devices.

Compact Pedal Effects Specifications

- **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** (depending on the model) 400 to 450 g (15 oz. to 1 lb.) ● **Accessory** Dry Battery ● **Option** AC Adaptor

RT-20
Rotary Sound Processor

TWIN PEDAL COSM

- *Authentic rotary speaker sounds by COSM® technology*
- *Slow/Fast transition time is adjustable from gradual to rapid change; optional Expression pedal can control speed in real time*
- *Onboard Overdrive effects*
- *Adjustable mix balance between Treble Rotor and Bass Rotor*
- *4 types of sounds, from standard rotary speaker effects to rock-oriented tones, UNI-V, and more*
- *Guitar/Keyboard switch*
- *Dazzling virtual-rotor display*

Specifications

● **Connectors** Input A (Mono) (1/4" phone type), Input B (1/4" phone type), Speed (EXP Pedal) (1/4" phone type), Phones (stereo 1/4" phone type), Output A (Mono) (1/4" phone type), Output B (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (R6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

OD-20
Drive Zone

TWIN PEDAL COSM

- *22 COSM® models of vintage, modern, and boutique overdrive/distortion pedals—plus all-new drive sounds*
- *Attack Shape control adjusts overdrive's response dynamics to your playing*
- *Heavy Octave parameter creates sounds one octave below low notes—great for heavy, single-string riffs!*
- *4 User memories for storing custom settings*
- *Line output with Amp simulator; also works as headphone output*
- *Amp Control jack for switching amp channels from the OD-20*

Specifications

● **Memories** 4 ● **Connectors** Input (1/4" phone type), Amp Control (1/4" phone type), Line Out/Phones (Stereo 1/4" phone type), Output (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

CE-20
Chorus Ensemble

TWIN PEDAL

- *Six types of chorus including all-new effects and vintage sounds*
- *Brilliance knob for adjusting the chorus "sparkling" feel*
- *Ambience effect adds reverberation to chorus for increased dimension*
- *4 User memories with instant recall via onboard pedal*
- *Stereo In/Out for easy connection to guitars, keyboards, etc.*

Specifications

● **Memories** 4 ● **Connectors** Input (R/Mono, L) (1/4" phone type), Phones (stereo 1/4" phone type), Output (R/Mono, L) (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

EQ-20
Advanced EQ

TWIN PEDAL

- *World's first programmable 10-band graphic equalizer pedal*
- *9 internal memories for storing user-created EQ settings*
- *Level switch for connection before amp or in effects loop (+4dB)*
- *Professional sound quality using superb A/D-D/A converters*

Specifications

● **Memories** 9 ● **Variable Range** Equalizer Control: -/+ 15 dB, Level Control: -/+ 15 dB ● **Connectors** Input (1/4" phone type), Output (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.1 kg (2 lbs. 7 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

DD-20
GIGA DELAY

TWIN PEDAL

- *BOSS's most powerful delay pedal — up to 23 seconds of delay!*
- *11 delay modes including tape delay and sound-on-sound recording*
- *New "Smooth" and "Twist" modes create entirely new delay effects*
- *Memory function for changing delay modes seamlessly*
- *New push-button knob for easy delay time adjustment*

Specifications

● **Connectors** Input A (Mono) (1/4" phone type), Input B (1/4" phone type), Phones (stereo 1/4" phone type), Control Pedal (1/4" phone type), Output A (Mono) (1/4" phone type), Output B (1/4" phone type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** (incl. batteries) 1.2 kg (2 lbs. 11 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

RC-20XL
Loop Station™

TWIN PEDAL

- *Record and layer up to 16 minutes of live performance*
- *Simultaneous mic and instrument recording with auto quantize for perfect loop timing*
- *Undo function makes it easy to erase the last overdub; Redo function recalls the last erased phrase*
- *Change loop tempo without changing pitch*
- *11 stored loops can be switched with optional FS-5U, FS-6*

Specifications

● **Internal Memory** Recording time: 16 min. (max.), Maximum number of saved phrases:11 phrases (max.) ● **Power Supply** DC 9V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Dimensions** 173 (W) x 158 (D) x 57 (H) mm (6-13/16" x 6-1/4" x 2-1/4") ● **Weight** 1.2 kg (2 lbs. 11 oz.) (incl. batteries) ● **Accessories** Dry Battery (LR6 (AA) type) x 6, Sound Library for RC-20XL (Sample Phrase CD) ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6)

PW-10
V-Wah®

COSM

- *World's first COSM® modeling wah pedal, with 6 classic and modern wah pedal models*
- *Noise-free operation with advanced infrared pedal detection*
- *8 onboard Overdrive/Distortion effects to perfectly complement the wah sounds*
- *New "Voice" mode simulates "talking" vowel sounds*
- *New "Double Resonance" mode creates analog synth-type sounds*
- *"Uni-V" effect produces vintage swirling rotary sounds*
- *3 digital memories for saving customized sounds and instant recall*
- *Wah Range knob allows users to customize the filtering range instantly*

Specifications

● **Nominal Input Level** -20dBu ● **Nominal Output Level** -20dBu ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor ● **Current Draw** 55 mA (Expected battery life under continuous use; [Carbon: 14 hours], [Alkaline: 38 hours], These figures will vary depending on the actual conditions of use.) ● **Dimensions** 100 (W) x 270 (D) x 100 (H; max.) mm (3-15/16" x 10-11/16" x 3-15/16") ● **Weight** (incl. batteries) 1.3 kg (2 lbs. 14 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series) ** 0 dBu=0.775 Vrms*

BCB-60
Pedal Board

- *Lightweight pedal board for transporting a range of compact pedals and effects*
- *Padded interior can be customized to fit almost any effect — even from other manufacturers*
- *Exterior made of tough molded resin designed to withstand heavy impact*
- *Onboard 1,000mA AC adaptor for powering up seven devices; includes all cabling*

** Compact pedals and tuner not included and shown only for photography purposes.*

Specifications

● **Connectors** Input (1/4" phone type), Send (1/4" phone type), Return A/B (1/4" phone type), Output A/B (1/4" phone type), PSC In, DC Out ● **Power Supply** DC 9 V: AC Adaptor (PSC Series) ● **Dimensions** 670 (W) x 370 (D) x 100 (H) mm (26-7/16" x 14-5/8" x 3-15/16") ● **Weight** 3.8 kg (8 lbs. 7 oz.) ● **Accessories** AC Adaptor (PSC Series) 9 V, 1000 mA x 1, 8-pin Parallel DC Cable x 1, LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 5-1/8") x 5, LL Cable (1/4" L-shaped ↔ 1/4" L-shaped; 15-3/4") x 3, Spare Holding Pad x 1

BCB-30
Pedal Board

- *Holds up to three BOSS compact pedals*
- *Comes with daisy-chain cable to power three compact pedals (with optional PSA-120)*
- *Comes with audio cables for connection between pedals*
- *Made of heavy-duty molded resin and is fully gig worthy*

** Compact pedals and tuner not included and shown only for photography purposes.*

Specifications

● **Dimensions** 330 (W) x 81 (D) x 300 (H) mm (13" x 3-3/16" x 11-13/16") ● **Weight** 1.2 kg (2 lbs. 11 oz.) ● **Accessories** 4P Parallel DC Cable x 1, L-L Cable (130 mm) x 2, Owner's Manual ● **Option** AC Adaptor (PSA series)

GT-PRO

Editor Software Included

COSM

Guitar Effects Processor

- *BOSS's most powerful rack processor for stage and studio!*
- *Expanded pro-grade I/O section with XLR outs, three sets of send/returns, and a variety of control jacks*
- *Dual COSM Amp engines allows true two-channel operation*
- *Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching based on picking dynamics*
- *200 preset patches and 200 user patches; 44 effects categories, up to 15 simultaneous FX blocks*
- *User configurable effect chain; any effect can be in any order in the signal path*
- *Solo Switch on the COSM amp section for instant lead tone*
- *Amp Control jack for switching external guitar amp channels*
- *24-bit converters and coaxial digital output for high-resolution recording*
- *Perfect for PC/Mac-based recording and patch management via single USB connection*

USB

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 400: 200 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10dBu, PRE LOOP RETURN: -10dBu, LOOP 1/2 RETURN: -10dBu/+4dBu ● **Input Impedance** INPUT: 1 MΩ, PRE LOOP RETURN: 220 kΩ, LOOP 1/2 RETURN: 220 kΩ ● **Nominal Output Level** DIRECT OUT/TUNER OUT: -10dBu, MAIN OUT/SUB OUT: -10dBu/+ 4dBu, SUB OUT XLR: +4dBu, PRE LOOP SEND: -10dBu, LOOP 1/2 SEND: -10dBu/+ 4dBu ● **Output Impedance** DIRECT OUT/TUNER OUT: 2 kΩ, MAIN OUT/SUB OUT: 2 kΩ, SUB OUT XLR: 600Ω, PRE LOOP SEND: 2 kΩ, LOOP 1/2 SEND: 2 kΩ ● **Digital Output** S/PDIF ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** <Front> INPUT Jack, PHONES Jack <Rear> INPUT Jack, DIRECT OUT/TUNER OUT Jack, MAIN OUTPUT Jacks (L (MONO), R), SUB OUTPUT Jacks (L (MONO), R), SUB OUTPUT XLR (L, R), PRE LOOP SEND Jack, PRE LOOP RETURN Jack, LOOP 1 SEND Jack, LOOP 2 SEND Jack, LOOP 1 RETURN Jack, LOOP 2 RETURN Jack, AMP CTL 1 Jack, AMP CTL 2 Jack, EXP PEDAL 1 Jack, CTL 1, 2 Jack, EXP PEDAL 2/CTL 3, 4 Jack, DIGITAL OUT (coaxial), USB, MIDI IN/OUT/THRU ● **Power Supply** AC 117/230/240 V ● **Power Consumption** 16 W ● **Dimensions** 482 (W) x 305 (D) x 89 (H) mm (19" x 12-1/16" x 3-9/16") EIA-2U rack mount type ● **Weight** 4.8 kg (10 lbs. 10 oz.) ● **Accessories** USB cable, GT-PRO software CD-ROM

Editor Software System Requirements

[Windows] ● **Operating System** Microsoft® Windows® XP Home Edition/XP Professional/2000 Professional/Me/98SE/98 ● **Computer** A Windows® compatible computer with a USB connector ● **CPU/Clock** Pentium®, Celeron™, Intel-compatible Processor/600MHz or higher ● **Memory** 128MB or more ● **Hard disk** 200MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/65,535 colors (High Color 16-bit) or more

[Macintosh] ● **Operating System** Mac OS X v10.2.3 or later, Mac OS 9.x, Mac OS 8.6; This will not operate in the Classic environment of Mac OS X. When using this, the Classic environment must not be running simultaneously. ● **Computer** Apple Macintosh series computer with on-board USB port ● **CPU/Clock** PowerPC G3/600MHz or faster ● **Memory** 256MB or more ● **Hard disk** 200MB or more of free space ● **Display resolution** 800 x 600 pixels or higher/32,000 colors or more; Requires OMS 2.3.5 or later, Or requires FreeMIDI 1.3.5 or later on Mac OS 9/8.

GT-8

COSM

Guitar Effects Processor

- *BOSS's most powerful floor-based processor!*
- *Dual COSM Amp engine allows two different amp types to be assigned to the two channels*
- *Amp channels can be switched, layered, or panned in real-time; Dynamic mode allows channel switching by picking dynamics*
- *200 stunning preset patches and 140 user patches; 44 effects categories, up to 13 simultaneous FX blocks*
- *User configurable effect chain; any effect can be in any order in the signal path; independent External Effects loop section for inserting external effects anywhere in the signal patch*
- *Solo Switch on the COSM amp section for instant lead tone*
- *Amp Control jack for switching external guitar amp channels*
- *24-bit converters and coaxial digital output for high-resolution recording applications*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 340: 140 (User) + 200 (Preset) ● **Nominal Input Level** INPUT: -10dBu, RETURN: -10dBu ● **Input Impedance** INPUT: 1 MΩ, RETURN: 220 kΩ ● **Nominal Output Level** OUTPUT: 0dBu, SEND: -10dBu ● **Output Impedance** OUTPUT: 2 kΩ, SEND: 2 kΩ ● **Digital Output** S/PDIF ● **Dynamic Range** 100 dB or greater (IHF-A) ● **Display** 16 characters, 2 lines (backlit LCD)/2 characters, 7 segments LED ● **Connectors** INPUT Jack, OUTPUT Jacks (L (MONO), R), PHONES Jack, SEND Jack, RETURN Jack, AMP CONTROL Jack, SUB EXP PEDAL/SUB CTL PEDAL1,2 Jack, DIGITAL OUT (coaxial), MIDI (IN, OUT), AC Adaptor Jack ● **Power Supply** AC 14 V: Supply AC Adaptor (BRC Series) ● **Current Draw** 650 mA ● **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** 4.8 kg (10 lbs. 10 oz.) (excl. AC Adaptor) ● **Accessories** Carrying Bag (BA-CB3), AC Adaptor (BRC Series)

GT-6B

COSM

Bass Effects Processor

- *Professional bass multi-effects processor with COSM® technology*
- *True analog bypass and 24-bit converters for uncompromised sound quality*
- *COSM Bass Amp Modeling recreates the tone of many of the greatest bass amps and speaker cabinets in history*
- *New COSM Compression effect modeled after 4 well-known compressors*
- *Ultra-intuitive interface with analog-style knobs; built-in expression and control pedals*
- *Versatile effects including "Auto Slap" and sound-on-sound looping*
- *BOSS's best synth bass sounds with incredible tracking*
- *Balanced XLR output and coaxial digital output for recording*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 120: 80 (User) + 40 (Preset) ● **Display** 16 characters, 2 lines (backlit LCD), 2 characters, 7-segment LED ● **Power Supply** AC 14 V: Supplied AC Adaptor (BRC Series) ● **Connectors** Input, Output (L(Mono), R), Phones, XLR Output [L/R (Mono/Direct)], Digital Out (Coaxial), Sub EXP Pedal/Sub CTL Pedal 1/2, MIDI (In, Out), AC Adaptor ● **Dimensions** 515 (W) x 261 (D) x 75 (H) mm (20-5/16" x 10-5/16" x 3") ● **Weight** (excl. AC Adaptor) 4.7 kg (10 lbs. 6 oz.) ● **Accessory** AC Adaptor (BRC Series)

ME-50

COSM

Guitar Multiple Effects

- *Floor-based multi-effects processor with BOSS's most intuitive interface ever*
- *30 Preset Patches including delay, modulation, reverb, compressor, and more*
- *Killer COSM® overdrive/distortion, plus rotary effects, Uni-V, and more*
- *Dedicated knobs for each effect section — no menus to navigate!*
- *Helpful Tone Modify function with Preset EQ settings*
- *Onboard expression pedal pre-routed to 6 modulation options or volume*
- *Rugged metal case with clear panel layout*

Specifications

● **AD Conversion** 24-bit + AF Method* ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Patches** 30 (User) ● **Effects** Tone Modify, Compressor, Overdrive/Distortion, Chorus, Phaser, Flanger, Harmonist, Tremolo, Pan, Vibrato, UNI-V, Rotary, Delay, Reverb, Noise Suppressor, Effects for Expression Pedal: Foot Volume, Wah, Resonance, Voice, Ring Modulator, Bend (+1 Octave, -1 Octave) ● **Display** 7-segment, 1-character LED ● **Connectors** Input, Guitar Amp (L/Mono, R), AUX In (Stereo Mini type), Phones/Line Out, AC Adaptor ● **Power Supply** DC 9 V: Dry batteries (R6/LR6 (AA) type) x 6, AC Adaptor (optional PSA Series) ● **Dimensions** 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") ● **Weight** (incl. batteries) 3.15 kg (7 lbs.) ● **Accessory** Dry Batteries (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6) *AF Method (Adaptive Focus Method) This is a proprietary method from Roland that vastly improves the signal-to-noise (S/N) ratio of the A/D and D/A converters.

** 0 dBu=0.775 Vrms*

ME-50B

COSM

Bass Multiple Effects

- *Floor-based bass multi-effects processor with easy analog control*
- *COSM Compressor/Limiter and Drive effects, plus T-Wah, Slow Gear, and Defretter*
- *Innovative Sound Hold function for sustaining a low note while playing on top*
- *Dedicated knobs for each effect section — no menu-surfing!*
- *Easy Tone effects with Preset EQ templates for quick tone editing*
- *3 footswitches and onboard expression pedal routed to 6 options (such as Octave, Wah, etc.)*
- *Rugged metal case with clear panel layout*

Specifications

● **AD Conversion** 24-bit + AF method ● **DA Conversion** 24-bit ● **Sampling Frequency** 44.1kHz ● **Patches** 24 (user) ● **Effects** Compressor / Limiter, Filter / Tone, T.Wah, Octave (Up / Down), Slow Gear, Defretter, Enhancer, Bottom Boost, Mid Shape, Hollow, Drive / Synth, Overdrive / Distortion, Bass Synth, Delay / Modulation, Delay, Phaser, Flanger, Chorus, Reverb, Noise Suppressor, Master EQ, Effects for Expression Pedal, Foot Volume, Wah, Resonance, Bend (+1 Octave, -1 Octave), Sound Hold, Kick Drum ● **Nominal Input Level** INPUT: -10dBu, AUX IN: -10dBu ● **Input Impedance** INPUT: 1 MΩ, AUX IN: 100 kΩ ● **Nominal Output Level** -10dBu ● **Output Impedance** 2 kΩ ● **Display** 7 segments, 1character LED ● **Connectors** INPUT jack, OUTPUT jacks L (MONO)/ R, AUX IN jack (Stereo Mini type), PHONES jack, FOOT SW (COMP ON/OFF, TEMPO), AC Adaptor jack ● **Power Supply** DC 9 V: Dry batteries (R6/LR6 (AA) type) x 6, AC Adaptor (PSA series: Optional) ● **Current Draw** 140 mA ● **Dimensions** 384 (W) x 225 (D) x 78 (H) mm (15-1/8" x 8-7/8" x 3-1/8"), Maximum height: 384 (W) x 225 (D) x 102 (H) mm (15-1/8" x 8-7/8" x 4-1/16") ● **Weight** 3.15 kg (7 lbs.) (incl. batteries) ● **Accessories** Dry Batteries (LR6 (AA) type) x 6 ● **Options** AC Adaptor: PSA Series, Foot Switch: FS-5U, FS-6

** 0 dBu=0.775 Vrms*

MICRO BR
Digital Recorder

COSM SD™ NEW

** SD Logo is a trademark.*

- *Ultra portable, only slightly larger than an iPod®*
- *4-track playback, 32 V-Tracks*
- *SD Card slot for recording media, 128MB card included*
- *Multi-effects onboard*
- *Time-Stretch and Center Cancel features*
- *293 rhythm patterns*
- *MP3 compatible*
- *Built-in tuner and microphone*
- *USB port for data transfer*

● Recording Time (Multi-track recording) unit: minutes

Data Type	Memory Size					
	32MB	64MB	128MB	256MB	512MB	1GB
HiFi (MT2)	15	31	64	128	257	502
STD (LV1)	18	38	76	154	309	604
LONG (LV2)	23	47	96	192	386	755

The above-listed recording times are approximate. Times may be slightly shorter depending on the number of songs that were created.
The above number is the total for all the tracks that are used. If each of the four tracks contains an equal amount of data, the length of the resulting song will be approximately 1/4 of the above. The memory capacity (recording time) decreases when the MP3 file etc. exists in the memory.

● Recording Time (MP3) unit: minutes

Bit Rate	Memory Size					
	32MB	64MB	128MB	256MB	512MB	1GB
192 kbps	21	43	88	177	355	693
128 kbps	32	65	132	265	532	1040
64 kbps	65	131	265	531	1065	2081
WAV	2	5	12	24	48	94

The above-listed recording times are approximate. Times may be slightly shorter depending on the number of MP3/WAV files that were created.
The memory capacity (recording time) decreases when the Multi-track Songs exists in the memory.

Specifications

USB

● **Tracks** Track: 4, V-Track: 32 (8 V-Track per each Track), Up to 2 tracks can be recorded simultaneously, Up to 4 tracks can be played back simultaneously ● **Data Type** HiFi (MT2), STANDARD (LV1), LONG (LV2) ● **Audio Data Type (MP3 Mode)** MP3 (192kbps, 44.1kHz), MP3 (128kbps, 44.1kHz), MP3 (64kbps, 44.1kHz), WAV (44.1kHz, 16-bits) *The MICRO BR can play the MP3 in bit rate range of 64 to 320kbps. ● **Signal Processing** AD Conversion: 24-bits + AF method (GUITAR IN, onboard mic), 24-bits (LINE IN/MIC), DA Conversion: 24-bits *AF method (Adaptive Focus method) Adaptive Focus is a unique Roland/BOSS technology that allows the signal noise (S/N) ratios of AD and DA converters to be vastly improved. ● **Useful Capacity** SD Card: 32MB to 1GB ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz to 20kHz ● **Nominal Input Level (Variable)** GUITAR IN jack: -20dBu, LINE IN / MIC jack: LINE: -10dBu, EXT MIC: -40dBu ● **Input Impedance** GUITAR IN jack: 1 MΩ, LINE IN / MIC jack: LINE: 16 kΩ, MIC: 18 kΩ (Plug-in Power=off), 2.2 kΩ (Plug-in Power=on) ● **Nominal Output Level** PHONES / LINE OUT jack: -10dBu ● **Output Impedance** PHONES / LINE OUT jack: 33 Ω ● **Recommended Load Impedance** PHONES / LINE OUT jack: Headphones: 16 to 100 Ω, LINE: 1 kΩ or greater ● **Interface** USB Connector (Mini-B type) ● **Display** 16 Characters x 2 Lines, 22 icons (White Backlit LCD) ● **Connectors** GUITAR IN jack (1/4" phone type), LINE IN / MIC jack (Stereo miniature phone type, Plug-in Power compatible), PHONES / LINE OUT jack (Stereo miniature phone type), USB connector (Mini-B type) ● **Power Supply** Alkaline dry battery LR6 (AA) type x 2, DC 9V; AC Adaptor (PSA series, separately sold) ● **Current Draw** 9V 140mA (AC Adaptor) / 3V 320mA (Battery) ● **Expected battery life under continuous use** approximate 6 hours (with power save function) *May vary according to usage conditions, batteries used, and type of SD Card used ● **Dimensions** 136.0 (W) x 81.5 (D) x 21.5 (H) mm (5-3/8" x 3-1/4" x 7/8") ● **Weight** 130 g (5 oz.) (without batteries and SD Card) ● **Accessories** Soft Case, Size AA Alkaline dry (cell) battery x 2, Demo Card (128MB SD Memory Card) ● **Options** Play Cover (BA-M-BR), Earphones / Guitar Cable Set (BA-PC15), AC Adaptor (PSA) ** 0 dBu= 0.775 Vrms*

● Options

BA-M-BR
Play Cover

BA-PC15
Earphones/ Guitar Cable Set

PSA-Series
AC Adaptor

BR-1600CD
Version 2.0

COSM V-LINK

Digital Recording Studio

- *16-track (256 V-Track) digital studio with 40GB hard drive and CD-R/RW drive*
- *Record all 8 XLR inputs simultaneously — ideal for tracking live performances*
- *Powerful onboard effects including COSM modeling for guitar, bass and vocals*
- *New Vocal Tool Box with auto pitch correction and Harmony Sequence function*
- *16 individual Track EQs, plus 8 dedicated compressors*
- *Mastering Tool Kit with multi-band compression for loud and punchy CDs*
- *Create backing tracks quickly via independent Drum/Bass and Loop Phrase tracks*
- *USB port for easy data exchange, plus V-LINK video control*
- *COSM® models added (derived from BOSS's GT-6B)*
- *Enhanced Vocal Tool Box for better vocals and backings*
- *MIDI Slave capable for control from external MIDI devices*
- *BR-1180CD/1200CD data compatible*

Specifications

USB

● **Tracks** Track: 16, V-Track: 256 (16 V-Tracks per each Track) **Up to 8 tracks can be recorded simultaneously, and up to 16 tracks can be played back simultaneously.* ● **Max. Useful Capacity** / **Recording Time** Internal Hard Disk: 40GB / Recording Time; 120 hours (conversion in one track) **The recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created. *The recording time is the total for all the tracks that are used. If each of the sixteen tracks contain an equal amount of data, the length of the resulting song will be approximately 1/16 of the time shown.* ● **Signal Processing** <AD Conversion>: [24-bit, AF Method (GUITAR/BASS)], [24-bit, ΔΣ Modulation (VOCAL)], [24-bit, ΔΣ Modulation (MULTI-TRACK)], [24-bit, ΔΣ Modulation (STEREO TRACKS)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Total Distortion** 0.025 % or less (INPUT SENS: CENTER, 1kHz at nominal output level) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -10dBu, MIC 1–8 jacks (XLR): -40dBu, INPUT 1–8 jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1–8 jacks (XLR): 12.5 kΩ (HOT-COLD), 6.5 kΩ (HOT-GND, COLD-GND)], [INPUT 1–8 jacks: 22 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES 1, 2 jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES 1, 2 jack: 8–50 Ω ● **Residual Noise Level** LINE OUT jack: -90dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL IN: S/PDIF 16 to 24-bit (coaxial type), DIGITAL OUT: S/PDIF 16 to 24-bit (coaxial type), USB connector (B type) ● **Display** 130 x 36 mm (Backlit LCD) ● **Connectors** MIDI IN connector, MIDI OUT connector, USB connector, DIGITAL IN connector (coaxial type), DIGITAL OUT connector (coaxial type), FOOT SW jack (1/4" phone type), EXP PEDAL jack (TRS 1/4" phone type), LINE OUT jacks (RCA pin type), INPUT 1–8 jacks (unbalanced, 1/4" phone type), MIC 1–8 jacks (XLR balanced), PHONES 1 jack (Stereo 1/4" phone type), PHONES 2 jack (Stereo 1/4" phone type), GUITAR/BASS jack (1/4" phone type) ● **Power Supply** DC 12 V; AC Adaptor (Roland PSB-7U) ● **Current Draw** 3 A ● **Dimensions** 494 (W) x 339 (D) x 99 (H) mm, (19-1/2" x 13-3/8" x 3-15/16") ● **Weight** 4.9 kg (10 lbs. 13 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor (PSB-7U), Owner's Manual, Effect Patch List, DISCRETE DRUMS (CD-ROM) ** 0 dBu = 0.775 Vrms*

BR-1200CD
COSM

Digital Recording Studio

- *Built-in CD-burner and mastering effects for CD-quality mixes*
- *12 simultaneous playback tracks (192 V-Tracks) with individual Comp/EQ*
- *2 individual XLR inputs with phantom power, digital output*
- *GT inside! Famous BOSS GT-6 Guitar and Bass effects engine built in for unsurpassed signal processing*
- *Vocal Toolbox provides pitch correction and harmony generator for true pro vocal processing*
- *COSM mic and amp models offer incredible hardware simulation*
- *Backing band built in — programmable drum/bass pattern generator with 600 patterns and EZ compose feature for super fast drum and bass pattern creation*
- *Easy importing of stereo drum loops with Automatic Tempo Matching feature*
- *Internal hard drive can store up to 120 hours of uncompressed music*
- *USB port for data backup to computer, plus importing/exporting WAV/AIFF files*

Specifications

USB

● **Tracks** Track: 12, V-Track: 192 (16 V-Tracks per each Track) **Up to 2 tracks can be recorded simultaneously, and up to 12 tracks can be played back simultaneously.* ● **Max. Useful Capacity** / **Recording Time** Internal Hard Disk: 40GB / Recording time; 120 hours (conversion in one track) **The recording time is approximate. Time may be slightly shorter depending on the number of songs and size of imported loop phrase that were created. *The recording time is the total for all the tracks that are used. If each of the twelve tracks contain an equal amount of data, the length of the resulting song will be approximately 1/12 of the above.* ● **Signal Processing** <AD Conversion>: [24-bit, AF Method (Guitar/Bass)], [24-bit, ΔΣ Modulation (VOCAL)], [24-bit, ΔΣ Modulation (LINE)], [24-bit, ΔΣ Modulation (SIMUL)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section), <Recording Data>: 16-bit linear ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Total Distortion** 0.05 % or less (INPUT SENS : CENTER, 1kHz at nominal output level) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -20dBu, MIC 1/2 jacks (TRS Balanced/XLR): -40dBu, LINE IN jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1/2 jacks (TRS Balanced/ XLR): 12.5 kΩ (HOT-COLD) 6.5 kΩ (HOT-GND, COLD-GND)], [LINE IN jacks: 22 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES jack: 100 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES jack: 8–50 Ω ● **Residual Noise Level** LINE OUT jack: -87dBu or less (INPUT SELECT: GUITAR/BASS, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ.) ● **Interface** DIGITAL OUT: S/PDIF 16 to 24-bit (optical type), USB connector (B type) ● **Display** 64 x 40 mm (Backlit LCD) ● **Connectors** MIDI IN connector, MIDI OUT connector, USB connector, DIGITAL OUT connector (optical type), FOOT SW jack (1/4" phone type), EXP PEDAL jack (TRS 1/4" phone type), LINE OUT jacks (RCA pin type), LINE IN jacks (RCA pin type), MIC 1/2 jacks (XLR/TRS balanced), PHONES jack (Stereo 1/4" phone type), GUITAR/BASS jack (1/4" phone type) ● **Power Supply** DC 12 V; Supply AC Adaptor (Roland PSB-7U) ● **Current Draw** 3 A ● **Dimensions** 478 (W) x 297 (D) x 95 (H) mm (18-7/8" x 11-3/4" x 3-3/4") ● **Weight** 4.1 kg (9 lbs. 1 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor (PSB-7U), Owner's Manual, DISCRETE DRUMS (CD-ROM) ** 0 dBu = 0.775 Vrms*

BR-900CD
COSM

Digital Recording Studio

- *Built-in CD-burner and Mastering Tool Kit*
- *8 simultaneous playback tracks, 2 simultaneous recording tracks with 8 V-tracks (64 V-Tracks total)*
- *2 XLR inputs with phantom power, plus 1/4" and RCA inputs, and digital out*
- *Pitch correction, chorus, delay, reverb, EQ, and other great BOSS-quality effects*
- *Programmable drum generator with 294 patterns, plus Tone Load function for custom beats*
- *Record direct to Compact Flash (128MB card included; record up to 624 minutes with optional 1GB card)*
- *Record direct to CD-R/RW*
- *USB port for data backup to computer, plus importing/exporting WAV/AIFF files*
- *Runs on batteries or AC power*

**When you use the CD-R/RW drive, you must use only the supplied AC adaptor. The CD-R/RW drive cannot be used while running on battery power*

Specifications

CF CompactFlash USB

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track) **Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously.* ● **Max. Useful Capacity** CompactFlash card: 32MB to 1GB ● **Data Type** HiFi (MT2), Standard (LV1), Long (LV2) ● **Signal Processing** <AD Conversion>: [24-bit, ΔΣ Modulation + AF-AD (GUITAR/BASS)], [24-bit, ΔΣ Modulation + AF-AD (MIC)], [24-bit, ΔΣ Modulation (LINE)], [24-bit, ΔΣ Modulation (SIMUL)], <DA Conversion>: 24-bit, ΔΣ Modulation, <Internal Processing>: 24-bit (digital mixer section) ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz–20kHz (+1/-3 dB) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -20dBu, MIC 1/2 jacks (TRS Balanced/ XLR): -40dBu, LINE IN jacks: -10dBu ● **Input Impedance** [GUITAR/BASS jack: 1 MΩ], [MIC 1/2 jacks (TRS Balanced/ XLR): 1.5 kΩ (HOT-COLD), 1.0 kΩ (HOT-GND, COLD-GND)], [LINE IN jacks: 10 kΩ] ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, PHONES jack: 140 Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, PHONES jack: 32–100 Ω ● **Residual Noise Level** LINE OUT jack: -85dBu or less (INPUT SELECT: GUITAR/BASS/MIC2, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ., Effect: Off) ● **Interface** DIGITAL OUT: S/PDIF 16 to 24-bit (optical type), USB connector ● **Display** 16 Characters x 2 Lines + Approx. 100 icons (Backlit LCD) ● **Connectors** GUITAR/BASS jack (1/4" phone type), MIC 1 jack (XLR balanced, TRS Balanced), MIC 2 jack (XLR balanced), LINE IN jacks (RCA pin type), LINE OUT jacks (RCA pin type), DIGITAL OUT connector (optical type), FOOT SW/ EXP PEDAL jack (1/4" phone type), PHONES jack (Stereo 1/4" phone type), MIDI OUT connector, USB connector ● **Power Supply** DC 9 V; Supplied AC Adaptor, Dry Batteries x 6 ● **Current Draw** 300 to 900 mA **Expected battery life under continuous use: Alkaline: 4 hours These figures will vary depending on the actual conditions of use.* ● **Dimensions** 351 (W) x 225 (D) x 69 (H) mm (13-7/8" x 8-7/8" x 2-3/4") ● **Weight** 2.2 kg (4 lbs. 14 oz.) (Excl. AC Adaptor) ● **Accessories** AC Adaptor (PSC-Series), Owner's Manual, Demo Card ** 0 dBu = 0.775 Vrms*

BR-600
COSM

Digital Recording Studio

- *8 simultaneous playback tracks, 64 V-Tracks*
- *CompactFlash memory card slot for storing recording media; 128MB card included*
- *Built-in FX processor, including pitch corrector and COSM® amp models*
- *Built-in drum-machine with velocity-sensitive pads*
- *Built-in stereo mic and battery power to record anywhere*
- *USB for data transfer/computer connectivity*
- *Portable and ultra slim: 257 x 183 x 27 mm (10-1/8" x 7-1/4" x 1-1/8")*
- *Carrying case and XLR-to-1/4" mic cable included*

Convenient Extras

Each BR-600 ships new from the factory with two handy accessories included for free: a custom BOSS carrying bag and an XLR-to-1/4" mic adapter.

CF CompactFlash USB

Specifications

● **Tracks** Track: 8, V-Track: 64 (8 V-Tracks per each Track), Up to 2 tracks can be recorded simultaneously, and up to 8 tracks can be played back simultaneously. ● **Max. Useful Capacity** CompactFlash: 32MB-1GB ● **Data Type** HiFi (MT2), STANDARD (LV1), LONG (LV2) ● **Sample Rate** 44.1kHz ● **Frequency Response** 20Hz to 20kHz (+1/-3dBu) ● **Nominal Input Level (Variable)** GUITAR/BASS jack: -20dBu, MIC (TRS balanced/XLR) jack: -40dBu, LINE IN jack: -10dBu ● **Input Impedance** GUITAR/BASS jack: 1 MΩ, MIC 1/2 jack: 2 kΩ (HOT-COLD), (TRS balanced/XLR), 1.0 kΩ (HOT-GND, COLD-GND), LINE IN jack: 30 kΩ ● **Nominal Output Level** LINE OUT jack: -10dBu ● **Output Impedance** LINE OUT jack: 2 kΩ, Headphone jack: 140Ω ● **Recommended Load Impedance** LINE OUT jack: 20 kΩ or greater, Headphone jack: 32-100Ω ● **Residual Noise Level** LINE OUT jack: -85dBu or less (INPUT SELECT: GUITAR/MIC, input terminated with 1 kΩ, INPUT SENS: CENTER, IHF-A, typ., EFFECT: OFF) ● **Interface** USB Connector ● **Display** 16 Characters x 2 Lines (Backlit LCD) ● **Connectors** GUITAR/BASS jack (1/4" phone type), MIC 1 jacks (TRS balanced 1/4" phone type), MIC 2 jacks (TRS balanced 1/4" phone type), LINE IN jack (Stereo miniature phone type), LINE OUT jack (RCA pin type), FOOT SW/EXP PEDAL jack (1/4" phone type), PHONES jack (Stereo 1/4" phone type), USB connector ● **Power Supply** DC 9 V; Supply AC Adaptor (PSA series)/Size AA Dry battery x 6 ● **Current Draw** 200 mA, Alkaline dry cell batteries, Approximately 5 hours (with continuous playback of 8 tracks), May vary according to usage conditions, batteries used, and type of CompactFlash used. ● **Dimensions** 257 (W) x 183 (D) x 27.1 (H) mm (10-1/8" x 7-1/4" x 1-1/8") ● **Weight** 0.7 kg (1 lb. 9 oz.) ● **Accessories** Soft Case, Size AA alkaline dry cell batteries (6), TRS-XLR converter cable, Demo Card (Already inserted when the BR-600 is shipped), Owner's Manual, Separate sheet ("About Memory Cards" etc.), Roland Service (information sheet)

RC-2
Loop Station™

NEW

- *Up to 16 minutes of record time*
- *Loop Quantize for easy loop-phrase recording*
- *Realistic Guide-Tone drum patterns built in*
- *Easy, logical overdubbing and navigation*
- *Undo / Redo function*
- *11 phrases can be stored and recalled*
- *AUX input to capture phrases from external audio devices*
- *External pedal input*

Specifications

● **Controls** Pedal switch, PHRASE LEVEL knob, GUIDE LEVEL knob, PHRASE SELECT knob, TAP TEMPO (ENTER / SELECT) button, MODE knob ● **Indicators** CHECK indicator, LOOP / ONE SHOT indicator, REC / PLAY / DUB indicator, TAP TEMPO / SELECT / ENTER indicator ● **Connectors** INPUT jack, OUTPUT jack, STOP / TEMPO jack, AUX IN jack (1/8" stereo), AC adaptor jack (DC 9 V) ● **Nominal Input Level** -20dBu ● **Input Impedance** 1 MΩ ● **Nominal Output Level** -20dBu ● **Output Impedance** 1 kΩ ● **Recommended Load Impedance** 10 kΩ or greater ● **Power Supply** DC 9 V: Dry battery / 9 V type (6F22 [carbon], 6LR61 [alkaline]), AC Adaptor (PSA-series: optional) ● **Current Draw** 50 mA (DC 9 V), * Expected battery life under continuous use: Carbon: 2 hours, Alkaline: 6 hours, These figures will vary depending on the actual conditions of use. ● **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** 0.4 kg (15 oz.) ● **Accessories** Owner's Manual, Leaflet ("USING THE UNIT SAFELY", "IMPORTANT NOTES", and "Information"), Dry battery / 9 V ● **Options** AC Adaptor (PSA-series), Foot Switch FS-5U, FS-6

** 0 dBu = 0.775 Vrms*

RC-50
Loop Station™

- *The new industry-leading looping tool for live performance!*
- *7 footswitches for intuitive control; realtime control of playback speed*
- *Play up to 3 stereo phrase tracks simultaneously, all synced to an internal or MIDI clock*
- *Ultra-long recording time (up to 49 min., mono), 99 patches (3 master loops per patch)*
- *Undo/Redo function for recording and overdubbing*
- *Center-cancellation feature, "flat" amplifier simulation feature*
- *Stereo input, dual stereo output, XLR phantom-powered mic input, stereo mini-jack Aux input (for recording from an MP3 player, etc.)*
- *USB port for data/audio backup, import/export of loops as WAV files*

Specifications

● **AD Conversion** 24 bit ● **DA Conversion** 24 bit ● **Sampling Frequency** 44.1kHz ● **Program Memories** 99 ● **Nominal Input Level** INST: -10dBu, MIC: -50dBu, AUX: -16dBu ● **Input Impedance** INST: 1 MΩ, MIC: 1 kΩ, AUX: 100 kΩ ● **Nominal Output Level** MAIN OUTPUT: -10dBu, SUB OUTPUT: -10dBu ● **Output Impedance** MAIN OUTPUT: 2 kΩ, SUB OUTPUT: 2 kΩ, PHONES: 47 Ω ● **Available Recording Time*** STEREO: Approx. 24 minutes, MONO: Approx. 49 minutes **[Control]** ● **Front Panel** REC/PLAY/OVERDUB pedal, STOP pedal, TEMPO pedal, UNDO/REDO pedal, PHRASE 1 pedal, PHRASE 2 pedal, PHRASE 3 pedal, PATCH/VALUE dial, PARAMETER buttons, TAP TEMPO button, NAME/PATCH button, CTL/EXP PEDAL button, SYSTEM/USB button, EXIT button, WRITE button, PLAY MODE button, LOOP SYNC button, AUTO REC button, INPUT MODE button, OVERDUB MODE button, LOOP QUANTIZE indicator, OVERDUB MODE indicators (OVERDUB, REPLACE, MOMENTARY PUNCH-IN) ● **PHRASE EDIT** PHRASE LEVEL knobs (PHRASE 1, 2, 3), PHRASE buttons (PHRASE 1, 2, 3), REVERSE indicators (PHRASE 1, 2, 3), ONE SHOT indicators (PHRASE 1, 2, 3) ● **GUIDE** LEVEL knob, SELECT button, START/STOP button ● **INPUT LEVEL** AUX knob, MIC knob, INST knob, PEAK indicator ● **MASTER** LEVEL knob ● **Rear Panel** PHANTOM switch, POWER switch **[Others]** ● **Display** 16 characters, 2 lines (backlit LCD), 2 characters, 7 segment LED ● **Connectors** INST jacks R (MONO) /L (1/4" phone type), MIC connector (XLR type; supports use of phantom power), AUX jack (Stereo miniature phone type), MAIN OUTPUT jacks R (MONO)/L (1/4" phone type), PHONES jack (Stereo 1/4" phone type), SUB OUTPUT jacks R (MONO)/L (1/4" phone type), EXP/CTL 3, 4 PEDAL jack (TRS 1/4" phone type), CTL 1, 2 PEDAL jack (TRS 1/4" phone type), USB connector, MIDI connectors (IN/OUT), DC IN (AC adaptor) jack ● **Power Supply** DC 9 V: Supply AC adaptor (Roland ACI or ACB series) ● **Current Draw** 450 mA ● **Dimensions** 472 (W) x 198 (D) x 64 (H) mm (18-5/8" x 7-13/16" x 2-9/16") ● **Weight** (excl. AC adaptor) 2.9 kg (6 lbs. 7 oz.) ● **Accessories** AC adaptor (Roland ACI or ACB series), USB cable, Owner's Manual, Sound Library for RC-50 (Sample Phrase CD) ● **Options** Foot Switch (FS-5U), Dual Foot SwitcH (FS-6), Expression Pedal (EV-5, FV-500L/H), Foot Switch Cable (PCS-31 Stereo 1/4" phone plug-1/4" phone plug x 2)

** The times listed above take into account the amount of memory needed for the actual recording combined with the memory required for the RC-50's operations (e.g., Undo/Redo). * 0 dBu = 0.775 Vrms*

AD-8
Acoustic Guitar Processor

COSM

- *COSM technology models six of the world's finest acoustic guitars*
- *Body and String Enhance controls create warm, miked acoustic sounds*
- *4-band EQ and high-quality reverb tailored for acoustic guitar*
- *Onboard chromatic tuner with Mute function, plus Anti-Feedback control*
- *4 Preset memory locations for switching acoustic sounds instantly*
- *Balanced XLR outputs allow direct connection to PA systems*

Specifications

● **Tuner** [Reference Pitch] A4 = 438 to 445Hz (1Hz steps) [Tuning Accuracy] + / - 3 cents ● **Connectors** Input (1/4" phone type), Phones (Stereo 1/4" phone type), Electric Guitar Amp Output (1/4" phone type), Unbalanced Output A (mono), B (1/4" phone type), Balanced Output A, B (XLR type), AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Current Draw** 120 mA ● **Dimensions** 250 (W) x 180 (D) x 60 (H) mm (9-7/8" x 7-1/8" x 2-3/8") ● **Weight** (incl. batteries) 1.9 kg (4 lbs. 4 oz.) ● **Accessory** Dry Battery (R6 (AA) type) x 6 ● **Option** AC Adaptor (PSA Series)

AD-3
Acoustic Instrument Processor

- *Compact acoustic instrument processing pedal developed exclusively for gigging acoustic-electric guitarists*
- *Footswitchable Bi-Stereo Chorus offers split-frequency processing*
- *Studio-quality reverb tuned for acoustic guitar*
- *Newly developed "Bottom" and "Top" controls eliminate thin, "dry" sound from piezo pickups*
- *Special Guitar Amp output provides great-sounding connection to a combo-type guitar amp*
- *Stereo balanced outputs allow for direct connection to PA*
- *Dual Anti-Feedback function can be set to "Auto" mode via footpedal*
- *Battery or AC-powered for maximum flexibility*

Specifications

● **AD Conversion** 20-bit + ΔΣ Method ● **DA Conversion** 20-bit + ΔΣ Method ● **Sampling Frequency** 44.1kHz ● **Connectors** Input, Output [L, R (1/4" TRS phone type)], AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Current Draw** 90 mA ● **Dimensions** 170 (W) x 156 (D) x 70 (H) mm (6-3/4" x 6-3/16" x 2-13/16") ● **Weight** (incl. batteries) 1.0 kg (2 lbs. 4 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6

DR-880
Dr. Rhythm

COSM TSC

- *440 drum and percussion sounds, 40 bass sounds with COSM® bass-amp models*
- *Guitar/bass input, multi-effects, COSM amp/drive models*
- *Innovative EZ Compose feature for quick, hassle-free programming*
- *3 independent insert effects (EQ and compression), TSC (Total Sound Control) featuring 3-band EQ and high-quality ambience*
- *1,000 patterns (500 preset, 500 user); easily add fills, ghost notes, chord progressions, and more*
- *20 velocity-sensitive pads*
- *Four assignable footswitch and expression-pedal inputs*
- *Individual outputs, digital out, USB port*

USB

Specifications

● **Max. Polyphony** 32 voices *Depending on the bass sound selected, maximum polyphony may be lower ● **Instruments** Drums: 440, Bass:40 ● **Kits** Preset: 100, User: 100 ● **Rhythm Patterns** User: 500, Preset: 500 ● **Songs** User: 100 ● **Tempo** Quarter Note: 20 – 260 bpm ● **Max. Note Storage** Approx.30,000 notes ● **Resolution** Per quarter note: 96 ● **Connectors** [Rear] Output L(Mono), R (1/4" Phone Type), L, R (RCA pin Type), Individual A, B (1/4" Phone Type), Digital Out (coaxial), USB, CTL 1/2, CTL 3/4/EXP Pedal, MIDI (In, Out), AC Adaptor, [Front] Phones (stereo1/4" Phone Type), Guitar/Bass Input (1/4" Phone Type) ● **Power Supply** AC Adaptor (BRC Series) ● **Dimensions** 273 (W) x 242 (D) x 72 (H) mm (10-3/4" x 9-9/16" x 2-7/8") ● **Weight** 1.4 kg (3 lbs. 2 oz.) (excl. AC adaptor) ● **Accessories** AC Adaptor (BRC Series), DR-880 Driver CD-ROM ● **Options** Foot Switch (FS-5U, FS-6), Expression Pedal (EV-5), Foot Switch Cable (PCS-31)

DR-670
Dr. Rhythm

- *Affordable BOSS drum machine with 256 superb-quality drum and percussion sounds*
- *Velocity-sensitive pads permit very expressive rhythm pattern programming*
- *Bass part for programming bass lines using 16 different sounds*
- *200 versatile preset rhythm patterns and 200 user-programmable patterns*
- *Fretboard-style pad interface for easy programming of rhythm/bass lines*
- *Direct Pattern Play function for triggering patterns "on the fly"*

Specifications

● **Max. Polyphony** 20 voices ● **Instruments** Drums: 256, Bass: 16 ● **Rhythm Patterns** User: 200, Preset: 200 ● **Songs** Songs: 100, Song length: Max. 250 patterns for a song, Total Patterns for all songs: approx. 3,000 ● **Tempo** Quarter Note: 20 – 260 bpm ● **Max. Note Storage** Approx. 8,000 notes ● **Resolution** Per quarter note: 96 ● **Recording Method** Realtime, Step ● **Connectors** Output (L, R), Headphones (stereo miniature phone type), Foot Switch (stereo 1/4" phone type), MIDI (In, Out), AC Adaptor (DC 9 V) ● **Power Supply** DC 9 V: Dry Battery (LR6 (AA) type) x 6, AC Adaptor (PSA Series: Optional) ● **Dimensions** 213 (W) x 169 (D) x 53 (H) mm (8-7/16" x 6-11/16" x 2-1/8") ● **Weight** 750 g (1 lb. 11 oz.) ● **Accessory** Dry Battery (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6), Foot Switch Cable (PCS-31)

DR-3
Dr. Rhythm

TSC

- *BOSS's most affordable drum machine for jamming or practice*
- *Realistic drum, percussion, and bass sounds with velocity-sensitive pads*
- *New Rhythm Progressions with 3 variations each for Intro, Verse, Fill, and Ending*
- *New TSC (Total Sound Control) with Sound Shape function and Ambience*
- *100 Preset/User styles programmable via realtime or step recording*
- *Footswitch input for easy live control; AC or battery power*

Specifications

● **Max. Polyphony** 12 voices ● **Instrument** Drums and Percussion: 120, Bass: 12 ● **Styles** User: 100, Preset: 100 *11 patterns for a style ● **Songs** User Song: 100, Song Length: Max. 250 patterns for a song ● **TSC (Total Sound Control)** <Sound Shape> Preset: 8, User: 8, <Ambience> Preset: 8, User: 8 ● **Tempo** 20 - 260 bpm ● **Max. Note Storage** Approx.20,000 notes ● **Resolution** Per quarter note: 96 ● **Recording Method** Realtime, Step ● **Pads** 13 (velocity-sensitive) ● **Connectors** Output (L/R (RCA pin type), L (Headphones), R (Mono, 1/4" phone type), Foot Switch (TRS 1/4" phone type), MIDI In, DC In (AC Adaptor Jack) ● **Power Supply** DC 9 V: Dry Battery (LR6 (AA) type) x 6, AC Adapter: PSA Series ● **Dimensions** 213 (W) x 185 (D) x 53 (H) mm (8-7/16 x 7-5/16 x 2-1/8") ● **Weight** (excl. batteries) 710 g (1 lb. 10 oz.) ● **Accessory** Alkaline Dry Battery (LR6 (AA) type) x 6 ● **Options** AC Adaptor (PSA Series), Foot Switch (FS-5U, FS-6), Foot Switch Cable (PCS-31)

DB-90
Dr. Beat

- *Quick rhythm customizing with Note Mixing function, dozens of play-along drum patterns also built in*
- *Dedicated sliders, buttons, rotary dial, and large backlit LCD for user-friendly operation*
- *4 metronome (including human voice) sounds*
- *Reference Tone function makes it easy to verify tuning by ear*
- *Practice with the Rhythm Coach by connecting a V-Pad (optional) — rubber pads and acoustic drums can also be detected via built-in mic*
- *Direct connection with guitar and bass, plus headphone monitoring*
- *Footswitch control for hands-free play/stop, and MIDI input for sync to external sequencers*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ± 0.1%), Beat 1: 1-9, Beat 2: OFF, 1-9, Pattern: 8-Beat x 4, 16-Beat x 3, Shuffle x 3, Funk x 2, Jazz x 2, Blues, Techno, House, Country, Reggae, Clave 3-2, Clave 2-3, Salsa, Rumba, Bossa Nova, Samba, Waltz, Tango, Mambo, Chachacha, March (30 kinds) ● **Rhythm Coach** Time Check, Quiet Count, Gradual Up/Down, Step Up/Down ● **Reference Tone** Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C2-B6 (5 octave, 12 semitones) ● **Memory** Metronome: 50, Reference Tone: 10 ● **Auto Power Off function** Turns unit off after 60 min. ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connectors** TRIG IN, START/STOP, MEMORY UP/DOWN, MIDI IN, PHONES x 2 (Stereo 1/4" phone type, Stereo miniature phone type), INPUT Jack, AC Adaptor Jack ● **Power Supply** DC 9V: Dry Battery (6LR61/9V, 6F22/9V) or AC Adaptor (PSA Series) ● **Current Draw** 85 mA or less (with reference tone sounding), 190 mA or less (with signals inputting to the INPUT jack) ● **Dimensions** 122 (W) x 164 (D) x 37.5 (H) mm (4-3/4" x 6-1/2" x 1-1/2") ● **Weight** 450 g (14 oz.) (incl. battery) ● **Accessories** Dry Battery (6F22/9 V type), Soft case

DB-60
Dr. Beat

- *Metronome with wide variety of preset rhythm patterns*
- *Tap tempo, stopwatch, timer, and reference tone functions*
- *Combine quarter-, eighth-, 16th-note, and triplet patterns for custom polyrhythms*
- *Loop Play function allows patterns to repeat a specific number of times*
- *Backlit display*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ±0.1%), Beat: 1-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6,6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (23 kinds), Pattern: 8 Beat x 3, 16 Beat x 2, Shuffle x 2, Funk, Dance x 2, Country, Reggae, Clave x 2, Rumba, Bossa nova, Waltz, Tango, Mambo, March (20 kinds) ● **Reference Tone** Reference Pitch: A4=438Hz-445Hz (1Hz steps), Reference Tone Range: C4-B4 (Accuracy: ±1 cent) ● **Timer** Setting Range: 1 to 60 minutes ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** Dry Battery (R6/LR6 (AA) Type) x 2 ● **Dimensions** 129 (W) x 84 (D) x 22 (H) mm (5-1/8" x 3-5/16" x 0-7/8") ● **Weight** 156 g (6 oz.) (incl. batteries) ● **Accessories** Dry Battery (R6 (AA) Type) x 2, Soft case

DB-30
Dr. Beat

- *Portable, ruggedly built, and packed with fun play-along patterns*
- *24 beat variations with complex beats, and 9 rhythm patterns*
- *Large LCD with smooth tempo meter*
- *Tap-tempo feature*
- *12 internal chromatic reference tones*
- *Convenient Phones jack and Auto Power-Off function*

Specifications

● **Metronome** Tempo: 30 to 250 (Accuracy: ±0.1%), Beat: 0-9, 2+3, 3+2, 3+4, 4+3, 4+5, 5+4, 5+6, 6+5, 6+7, 7+6, 7+8, 8+7, 8+9, 9+8 (24 kinds), Rhythm: Quarter note, Eighth note, Eighth rest and eighth note, Triple, Triple with center rest, Sixteenth note, Sixteenth note with sixteenth rest, CLAVE 1, CLAVE 2 (9 kinds) ● **Reference Tone** Reference Pitch: A4 = 438Hz-445Hz (1Hz steps), Reference Tone Range: C4 to B4 (Accuracy: ±1 cent) ● **Auto Power Off function** Turns unit off after 60 min. ● **Memory function** Stores the settings when the power is turned off. (The Mute status is not stored in memory.) ● **Indicators** LCD Display, Tempo Indicator LED x 2 ● **Connector** PHONES Jack (Stereo miniature phone type) ● **Power Supply** CR2032 lithium battery x 1 ● **Power Consumption** 10 mA or less (with reference tone sounding) ● **Dimensions** 61 (W) x 90 (D) x 20 (H) mm (2-7/16" x 3-9/16" x 13/16") ● **Weight** 70 g (3 oz.) (incl. battery) ● **Accessory** CR2032 lithium battery

TU-15
Chromatic Tuner

- *Accu-Pitch™ plays a tone to signal when a string has been tuned correctly*
- *Drop D, Open D/E/G/A, DADGAD, plus flat tunings up to 5 semitones*
- *Octave Adjust function simplifies tuning using open string and 12th fret*
- *Backlit needle and LCD tuning—tune up anywhere!*

Specifications

● **Reference Pitch** A4 = 430 to 449Hz (1Hz steps) ● **Tuning Range** E0 to C8 ● **Connectors** Input, Output, AC Adaptor ● **Power Supply** Dry Battery (R6/LR6 (AA) type) x 2; DC 3 V, AC Adaptor DC 9 V (PSA Series: Optional) ● **Dimensions** 149 (W) x 58 (D) x 40 (H) mm (5-7/8" x 2-5/16" x 1-5/8") ● **Weight** (incl. batteries) 190 g (7 oz.) ● **Accessory** Dry Battery (R6 (AA) Type) x 2 ● **Option** AC Adaptor (PSA Series)

TU-12/TU-12H
Chromatic Tuners

■ TU-12

■ TU-12H

Specifications

● **Reference Pitch** A4=440 to 445Hz (1Hz steps) ● **Tuning Range** TU-12: C1 to B5, TU-12H: C1 to B6 ● **Connectors** Input, Output, AC Adaptor ● **Power Supply** Dry Battery (DC 9 V), AC Adaptor (PSA Series: Optional) ● **Dimensions** 145 (W) x 53 (D) x 35 (H) mm (5-3/4" x 2-1/8" x 1-7/16") ● **Weight** 170 g (6 oz.) ● **Option** AC Adaptor (PSA Series)

TU-80
Tuner & Metronome

- *Tune a variety of instruments with chromatic tuning and Accu-Pitch™*
- *Reference pitches can be played for easier tuning*
- *Metronome function provides helpful rhythm training*

Specifications

[Tuner] ● **Reference Pitch** A4 = 435 to 446Hz (1Hz steps) ● **Tuning Range** E0 to C8

[Metronome] ● **Tempo** 30 to 250 bpm ● **Rhythm Style** Quarter note, Eighth rest and eighth note, Eighth note, Triple, Triple with center rest, Sixteenth note, Clave (3-3, 2-3) ● **Connectors** Input, Output ● **Power Supply** Dry Battery (R6/LR6 (AA) type) x 2 ● **Dimensions** 122 (W) x 68 (D) x 21 (H) mm (4-13/16" x 2-11/16" x 7/8") ● **Weight** (incl. batteries) 117 g (5 oz.) ● **Accessory** Dry Battery (R6 (AA) type) x 2

TU-2
Chromatic Tuner

- *Mute/Bypass select for silent tuning with a single stomp*
- *11-point LED indicators and new "stream" meter display tuning discrepancy via speed and direction of LED's*
- *7-segment LED displays string and note names; easily visible on dark stages*
- *Seven easy tuning modes include Chromatic, Guitar Regular, Guitar Flat, Guitar Double Flat, Bass Regular, Bass Flat, Bass Double Flat*

Specifications

● **Reference Pitch** A4 = 438 to 445Hz (1Hz steps) ● **Tuning Range** C0 to C8 ● **Connectors** Input, Output, Bypass, AC Adaptor ● **Power Supply** DC 9 V: Dry Battery (6F22/9V), AC Adaptor (PSA Series: Optional) ● **Dimensions** 73 (W) x 129 (D) x 59 (H) mm (2-7/8" x 5-1/8" x 2-3/8") ● **Weight** 420 g (15 oz.) ● **Accessory** Dry Battery (6F22/9 V) ● **Option** AC Adaptor (PSA Series)

AB-2
2-way Selector

- *Affordable A/B selector with 1-click operation and silent switching*
- *2-way selector for using A/B input with one output, or vice-versa*
- *Instantly change guitars, amplifiers or switch between an amp and tuner*

Specifications

● **Connectors** A Jack, B Jack, In/Out Jack ● **Current Draw** 5 mA or less ● **Power Supply** Dry Battery (R03/LR03 (AAA) type) x 2 ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-13/16" x 3-9/16" x 1-3/4") ● **Weight** 240 g (9 oz.) ● **Accessories** Dry Battery (R03/LR03 (AAA) type) x 2, Number Sticker

DI-1
Direct Box

- *Active direct box with superior frequency response to conventional transformers*
- *Operates on a 9-volt battery or phantom power from a mixer*
- *Phase reversal and ground lifting switches*
- *Sturdy, compact design*
- *Three input level switches*

Specifications

● **Frequency Response** 20Hz to 40kHz (+0.5/-1dB) ● **Nominal Input Level** -20/0/+20dBu (Selectable) ● **Max. Input Level** +45dBu (1kHz), 390 Vp-p ● **Max. Output Level** +8dBu (Balanced, 600 Ω load) /Unbalanced, 50 kΩ) ● **Residual Noise** -11dBu or less (IHF-A) ● **Total Harmonic Distortion** 0.05 % or less ● **Current Draw** 6 mA ● **Dimensions** 96.5 (W) x 125 (D) x 46 (H) mm (3-13/16" x 4-15/16" x 1-13/16") ● **Weight** 480 g (1 lb. 1 oz.)

** 0 dBu=0.775 Vrms*

FV-500H/FV-500L
Foot Volumes

- *Heavy-duty aluminum die-cast body*
- *Ultra-smooth pedal movement for the utmost in comfort and control*
- *Adjustable pedal feel (torque)*
- *Rubber surface for comfortable play and non-slip action*
- *Expression pedal function*
- *Convenient tuner-output jack*

■ FV-500H

■ FV-500L

Specifications

[FV-500H] ● **Control** MINIMUM VOLUME knob ● **Resistance Value of Volume Pod** Pedal: 250kΩ, MINIMUM VOLUME: 500kΩ ● **Connectors** INPUT jack, OUTPUT jack, EXP (Expression) jack, TUNER OUT jack ● **Dimensions** 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") ● **Weight** 1.6 kg (31 lbs. 90 oz.)

[FV-500L] ● **Control** MINIMUM VOLUME knob ● **Resistance Value of Volume Pod** Pedal: 20kΩ, MINIMUM VOLUME: 50kΩ ● **Connectors** INPUT jack 1, 2, OUTPUT jack 1, 2, EXP (Expression) jack, TUNER OUT jack ● **Dimensions** 110 (W) x 289 (D) x 72 (H) mm (4-3/8" x 11-7/16" x 2-7/8") ● **Weight** 1.6 kg (31 lbs. 90 oz.)

FV-50H/FV-50L
Volume Pedals

■ FV-50H

The high-impedance FV-50H is designed to be connected before guitar effect units in the signal chain.

■ FV-50L

The low-impedance FV-50L is designed for connection after effects units or for use with keyboards.

Specifications

[FV-50H/50L] ● **Control** Main VOLUME (knob), MINIMUM VOLUME button ● **Connectors** Input x 2, Output x 2, Tuner Out ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g (14 oz.)

FS-6
Dual Footswitch

- *Two switches in one, the FS-6 combines latch- and momentary-type switching into one unit. With two switches conveniently housed side-by-side, the FS-6 allows each switch to be set for latch or momentary operation. Pick the configuration that best suits your playing style and setup.*

Specifications

● **Controls** Pedal Switch A, B/POLARITY Switch A, B/Mode Switch A, B ● **Connectors** Jack A, Jack B, Jack A & B ● **Power Supply** DC 9 V: Dry battery ● **Dimensions** 188 (W) x 91 (D) x 43 (H) mm (7-7/16" x 3-5/8" x 1-3/4") ● **Weight** 470 g (1 lbs. 1 oz.) ● **Accessories** Dry battery/9 V (6F22)

FS-5L
Footswitch (Latch)

- *The FS-5L is a metal-cased latch-type footswitch with a LED to indicate status. It can be connected with a standard guitar cable.*

Specifications

● **Connector** 1/4" phone jack ● **Controls** Main On/Off, Polarity Switch A, B ● **LED indicator** On/Off ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-3/8" x 3-1/2" x 1-11/16") ● **Weight** 240 g (8 oz.)

FS-5U/FS-1
Footswitch (Unlatch)

■ FS-5U

■ FS-1

- *The FS-5U is a metal-cased momentary "unlatch" - type footswitch that can be connected using an ordinary guitar cable.*

Specifications

[FS-5U] ● **Connector** 1/4" phone jack ● **Controls** Main On/Off, Polarity Switch A, B ● **Dimensions** 96 (W) x 90 (D) x 43 (H) mm (3-3/8" x 3-1/2" x 1-11/16") ● **Weight** 230 g (8 oz.)

FC-200
MIDI Foot Controller

- *128 Patch selections and more using bank select*
- *Realtime control of volume and MIDI parameters*
- *Combines program changes and bank selections*
- *With the FC-200, VF-1 parameters can be edited via system exclusive data*
- *Heavy-duty, road-worthy construction*

Specifications

● **Display** 8-segment, 2-character LED ● **Connectors** MIDI (In, Out), MODE Change, Control/Expression Pedal Jacks (1 to 6), DC In ● **Power Supply** DC 9 V: Dry Battery (R6/LR6 (AA) type) x 6, AC adapter (optional PSA series) ● **Dimensions** 600 (W) x 214 (D) x 75 (H) mm (23-5/8" x 8-7/16" x 3") ● **Weight** 3.2 kg (3 lbs. 1 oz.)

GFC-50
Foot Controller

The GFC-50 is a convenient, "hands-free" way to change Patches when using a Roland V-Guitar™ Amplifier, etc. Dual Expression Pedal inputs provide optional realtime parameter and volume control.

Specifications

● **Power** DC 9 V: AC Adapter (PSA Series) /Dry Battery (R6/LR6 (AA) type) x 6 (optional) ● **Dimensions** 423 (W) x 135 (D) x 40 (H) mm (16-11/16" x 5-3/8" x 1-5/8") ● **Weight** (excl. AC Adaptor) 1.6 kg (3 lbs. 9 oz.) ● **Accessory** AC Adaptor (PSA Series)

FC-7
Foot Controller

Seven realtime arranger functions are controllable: Basic/Advance, Original/Variation, Fill-in to Variation, Fill-in to Original Intro, Start/Stop, Ending

Specifications

● **Dimensions** 540 (W) x 140 (D) x 50 (H) mm (21-5/16" x 5-9/16" x 2") ● **Weight** 1.7 kg (3 lbs. 12 oz.)

EV-5
Expression Pedal

The EV-5 Expression Pedal is designed to be used with a keyboard, allowing a more dynamic performance. You can set the minimum volume to any level you like, thereby freely determining the maximum effect of the pedal.

Specifications

● **Cable length** 2 m (TRS 1/4 inch plug) ● **Controls** Main Volume Pedal, Minimum Volume Knob ● **Dimensions** 86 (W) x 200 (D) x 54 (H) mm (3-3/8" x 7-7/8" x 2-1/8") ● **Weight** 400 g (14 oz.)

DP-10/DP-8
Damper Pedals

- *Rubber Plate that secures nonslip pedal work (DP-10 only)*
- *Extended Pedal Cord (2.2m) helps users to connect DP-10 to their keyboards that are mounted on higher positions such as double keyboard setups on a single stand*
- *Half Damper Control Mode and Switch Control Mode: the former allows users perform using the half damper function, and the latter functions as a pedal switch, just like the DP-2*

■ DP-10

■ DP-8

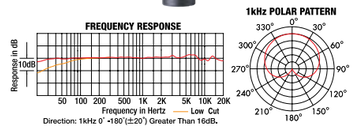
Specifications

[DP-10] ● **Pedal Cord** 2.2 m (TRS 1/4" plug) ● **Controls** Main On/Off ● **Dimensions** 68 (W) x 220 (D) x 64 (H) mm (2-11/16" x 8-11/16" x 2-9/16") When using the rubber plate 68 (W) x 402 (D) x 64 (H) mm (2-11/16" x 15-7/8" x 2-9/16") ● **Weight** 0.7 kg (1 lbs. 9 oz.)
[DP-8] ● **Pedal Cord** 1.3 m (TRS 1/4" plug) ● **Controls** Main On/Off ● **Dimensions** 68.4 (W) x 218.4 (D) x 57.8 (H) mm (2-3/4" x 8-5/8" x 2-5/16") ● **Weight** 0.57 kg (1 lbs. 5 oz.)

DP-2
Damper Pedal

DR-80C
Condenser Microphone

The DR-80C is designed for professional singers and recording applications. It boasts low-noise performance, high-input handling, and wide dynamic-range compatibility. Dedicated shock-mount holder included.



Specifications

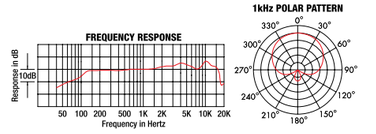
● **Element** Condenser ● **Polar Pattern:** Cardioid ● **Frequency Response** 20 - 20,000 Hz ● **Sensitivity** -32 dB (0dB=1 V/Pa, 1 kHz) ● **Impedance** 200Ω ● **Max. Input Sound Level** 145 dB SPL, 1 kHz at 1 % T.H.D. ● **S/N Ratio** 80 dB, 1 kHz at 1 Pa ● **Phantom Power Requirements** 11 - 52 V, 3 mA typical ● **Switches** 10 dB pad roll-off ● **Low Frequency** Roll-off 80 Hz, 12 dB per octave ● **Output Connector Integral** 3-pin XLRM-type ● **Dimensions** 52 x 158 x 21 mm (2-1/16" x 6-1/4" x 7/8") ● **Weight** 345 g (13 oz) ● **Accessories** Shock-mount holder, Screw adapter (5/8"-27, 3/8"-16), Carrying case

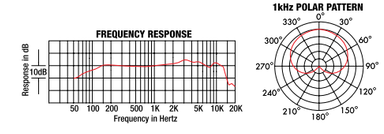
DR-50/DR-30
Dynamic Microphones

The affordable DR-30 cardioid microphone is ideal for amateurs and karaoke enthusiasts, while the more advanced DR-50 is geared for professional live performance applications.

■ DR-50

■ DR-30





Specifications

[DR-50] ● **Element** Dynamic ● **Polar Pattern** Hypercardioid ● **Frequency Response** 90 - 16,000 Hz ● **Sensitivity** -54 +/-3 dB (0 dB=1 V/Pa, 1 kHz) ● **Impedance** 300Ω (+/- 30 % at 1 kHz) ● **Output Connector** XLRM-type ● **Accessories** stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; 15' (4.5m) cable (FXLR - 1/4" phone type); protective pouch

[DR-30] ● **Element** Dynamic ● **Polar Pattern** Cardioid ● **Frequency Response** 100 - 13,000 Hz ● **Sensitivity** -54 +/-3 dB (0 dB=1 V/Pa, 1 kHz) ● **Impedance** 600Ω (+/-30 % at 1 kHz) ● **Output Connector** XLRM-type ● **Control** On/Off switch ● **Accessories** stand clamp; 5/8"-27 to 3/8"-16 threaded adapter; 15' (4.5m) cable (FXLR - 1/4" phone type); protective pouch

RH-300
Headphones

The RH-300 is Roland's top-of-the-line headphones for the ultimate in sound quality, appearance, and performance.

- *Optimized headphones with flat, accurate sound quality for the latesteletronic digital musical instruments*
- *Newly developed 45mm driver with neodymium magnet offers full dynamicrange and stable output, even on large input surges*
- *Able to reproduce fast attack transients, such as those from Fantom-Xhigh-resolution piano, V-Drums, etc.*
- *Classy appearance with aluminum housing plate. Soft earpad providescomfortable listening for prolonged periods*
- *OFC 3.4m straight cable with converter plug for 1/4" or mini jacks*

Specifications

● **Type of Construction** Closed type; dynamic ● **Driver** 45 mm in diameter; neodymium magnet, CCAW voice coils ● **Frequency Responce** 10 - 25,000 Hz ● **Max. Input** 1600 mW ● **Impedance** 40Ω ● **Sensitivity** 101 dB/mW ● **Cord** 3.4 m/OFC litz wire ● **Plug** Stereo mini (gold-plated) /Plug adapter (Mini plug: 1/4" phone plug) ● **Weight** 250 g (9 oz.) (excl. cord and plug) ● **Accessories** Carrying pouch

RH-200
RH-200S
Headphones

The RH-200/RH-200S headphones offer the clarity, sonic accuracy, and comfort needed for mixing and silent practice.

■ RH-200

■ RH-200S

Specifications

● **Type of Construction** Closed type; dynamic ● **Driver** 40 mm in diameter; neodymium magnet, CCAW voice coils ● **Frequency Responce** 20 - 20,000 Hz ● **Max. Input** 1600 mW ● **Impedance** 65Ω ● **Sensitivity** 100 dB/mW ● **Plug** Stereo mini (gold-plated) /Plug adapter (Mini plug: 1/4" phone plug) ● **Weight** 250 g (9 oz.) (excl. cord and plug) ● **Color** black (RH-200), silver (RH-200S) ● **Cord** Streight cord (RH-200), Curly cord (RH-200S)

RH-50/RH-25
Headphones

■ RH-50

■ RH-25

Specifications

[DR-50] ● **Impedance** 32Ω ● **Max. Input** 700 mW ● **Sensitivity** 106 dB SPL at 1 kHz ● **Plug** Stereo mini (gold-plated) /Plug adapter (Mini plug: 1/4" phone plug) ● **Cord** 3 m

[RH-25] ● **Impedance** 32Ω ● **Max. Input** 100 mW ● **Sensitivity** 118 dB SPL at 1 kHz ● **Plug** Stereo mini (gold-plated) /Plug adapter (Mini plug: 1/4" phone plug) ● **Cord** 2.7 m

V-Stand® Keyboard Stand

For keyboardists who have been awaiting an innovation in keyboard-stand design, the wait is over.
Roland's unique V-Stand not only looks great, it also provides solid support for synths up to 88-keys.

Specifications

● **Dimensions** 483 – 711 (W) x 622—1,054 (H) mm (19 – 28" x 24.5—41.5") ● **Base Diameter** Diameter 927 (W) x 609 (D) mm, (36.5" x 24") ● **Folded Size** 711 (W) x 241 (D) x 152 (H) mm (28" x 9.5" x 6") ● **Load Capacity** 113.4 kg (250 lbs.) ● **Weight** 8.95 Kg (19.75 lbs.)

** V-Stand is registered a trademark of Ultimate Support Systems,Inc.*

● **Options**

CB-KSV7
Gig Bag for V-Stand

● **Dimensions** 730 (W) x 260 (D) x 175 (H) mm (28-3/4" x 10-1/4" x 6-15/16")

KS-STV7
Secondary Tier for V-Stand

Specifications

● **Weight capacity** 34kg; 75 lbs ● **Recommended setting range (Distance between arms)** 570mm; 22-1/2" (When the KS-V7 height is set to level 2) to 820 mm; 32-5/16" (When the KS-V7 height is set to level 12) ● **Weight** 2.1 kg (4 lbs. 11 oz.)

KS-18Z Keyboard Stand

Style and stability ... Roland's new KS-18Z Keyboard Stand is attractive, easy to transport, and sturdy enough to hold even the heaviest 88-key keyboard securely. Setup, teardown, and transport have never been more convenient.

- *Multi-purpose keyboard stand with 198 lb. weight capacity; fits any size keyboard*
- *Adjustable height and width*
- *Folds into a compact size for easy transport*

Specifications

● **Height (adjustable in 6 levels)** 23-15/16, 26-1/2, 29-1/16, 31-5/8, 34-3/16, 36-3/4"; 60.7, 67.2, 73.7, 80.2, 86.7, 93.2cm ● **Width (adjustable continuously)** 24-1/4" to 36-15/16"; 61.5cm to 93.8cm ● **Weight capacity** Maximum 90 kg; 198 lbs 7 oz ● **Dimensions** 955 (W) x 520 (D) x 932 (H) mm (37-5/8" x 20-1/2" x 36-3/4") ● **Weight** 7.7 kg (17 lbs.)

KS-12 Keyboard Stand

Specifications

● **Dimensions** 582—907 (W) x 208 (D) x 645—875 (H) mm (22-15/16"—35-3/4" x 8-3/16" x 25-7/16"—34-1/2") ● **Weight** 7.0 kg (15 lbs. 7 oz.)

RAD-50 Rackmount Adaptor

Specifications

● **Dimensions** 482 (W) x 135 (D) x 43 (H) mm (19" x 5-3/8" x 1-3/4")
● **Weight** 800 g (1 lbs. 13 oz.)

M-UF128 USB Flash Memory

- *High-quality USB Flash memory*
- *Quick data transfer; large storage capacity (equivalent to approx. 90 floppy disks)*
- *Easy handling, excellent portability, designed to perfectly fit into the External Memory port of KR107, KR117M, KR115M, KR115, HPi-6 and RG-7*
- *USB plug protector included*

FD-01A Floppy Disk Drive

- *High-quality 3.5-inch external floppy disk drive for KR107, KR117M, KR115M, KR115 and HPi-6*
- *Useful for importing legacy MIDI files*
- *Mounts cleanly on the KR107, KR117M, KR115M, KR115 and HPi-6 with included mounting kit*

AC Adaptors

PSA-Series (117/230/240 V)
ACA-Series (117/230 V)

MIDI Cables

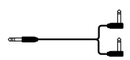
MSC-15 (1.5 m [59-1/16"])
MSC-25 (2.5 m [98-7/16"])
MSC-50 (5.0 m [196-7/8"])

DC Cable

PCS-20A 8PIN Parallel DC Cable
(8 x DC Plug; 1 m)

Audio Cables

PCS-31 (Stereo 1/4" • 2 x 1/4"; 2.2 m)



PCS-31L (Stereo 1/4" • 2 x 1/4"; 2.5 m)

PJ-1M (L-type 1/4" • RCA Pin + 1/4"; 2.5 m)

What is General MIDI?

General MIDI is an industry-wide set of specifications for sound sources that allow music data to be created regardless of manufacturer or specific models. General MIDI defines the minimum number of voices that should be supported, the MIDI messages that should be recognized, which sounds correspond to which Program Change numbers, and the layout of rhythm sounds on the keyboard. The General MIDI logo on a sound source indicates compatibility with song data which also carries the General MIDI logo.

What is General MIDI 2?

GM2 (General MIDI System Level 2) is a set of standards for editing voices not covered by GM1. GM2 also defines the operation specifications of effects and other elements in detail, and enables more sophisticated performance expression and greater compatibility by expanding the range of voices.

What is Roland's GS® Format?

The GS Format is a Roland specification that defines the manner in which multitimbral sound sources respond to MIDI messages. The GS Format includes specifications of sounds, functions available for Tone editing, effects (chorus and reverb), and additional standardized parameters. Any sound source that carries the GS Format logo is compatible with any GS Music Data (music data created under the GS Format).

What is XG lite?

XG is a tone generator format developed by Yamaha Corporation that defines the ways in which voices are expanded or edited, and the structure and type of effects, in addition to the General MIDI 1 specification. XG lite is a simplified version of the XG tone generation format. While XG music files can be played back using an XG lite tone generator, some files may play back differently compared to the original files due to the reduced set of control parameters and effects.

What is SMF with Lyrics?

"SMF with Lyrics" refers to Standard MIDI Files that contains lyrics. When music files carrying the "SMF with Lyrics" logo are played back on a compatible device (one bearing the same logo), the lyrics will appear in its display.

What is ism®?

"ism" stands for Intelligent System of Music. It's Roland's total music education support concept utilizing electronic instruments.

What is COSM®?

Once a musical instrument generates sound vibrations, it reaches the human ear through various mediating objects, each of which significantly affects the sound. The material and configuration of the instrument, the electric/magnetic amplifying system, the air and the reverberation of the room all affect the final sound. Sound modeling, the latest DSP technology, "virtually" reconstructs these objects. Roland's breakthrough Composite Object Sound Modeling (COSM) uses the advantages of multiple modeling methods and succeeds in accurately emulating existing sounds, as well as producing sounds that have never before been created.

What is RSS®?

RSS, which stands for "Roland Sound Space", is an original Roland technology that permits control over the sense of direction, distance, ambience, and movement of the sound within the three-dimensional sound field that surrounds the listener.

What is V-LINK?

Using V-LINK, musicians can "play" video from their electronic instrument — or even control a live video camera — when used with Edirol video products. With V-LINK, musicians have a powerful new interface for realtime audio and video integration.

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